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METCALF'S

Seed Annual

SPRING
1932



Stores
at →

CHITTENANGO, N. Y.
SYRACUSE FAYETTEVILLE MANLIUS
CANASTOTA ONEIDA

NEW SEED ANNUAL

19



32

B. F. METCALF

WE take pleasure in handing you our 1932 Seed Book. There are a great many changes, both in varieties and prices over our 1931 book. With the adjustment that the country has been going through, we have been able this year to collect one of the finest lots of seed that we have ever had and the prices of practically every item are much lower. This pertains both to our complete line of field and garden seeds.

SATISFIED CUSTOMERS OUR BIG ASSET

Having six stores to buy seed for and having thousands of customers that buy from us each year gives us a volume of business that makes it possible for us to go into the market and command the lowest prices. We will be mighty glad to hear from you through the mail or by personal visit to any of our stores. Since 1910 we have been doing our best to serve our customers the way we thought they should be served.

METCALF'S SEEDS SATISFY

One of our greatest satisfactions is to see orders come in from our old customers, many of them from outside of our state. This proves to us that they have been satisfied in the past. If you have been buying seed from us and never visited any of our stores, we trust that the next time you are near any of them that you will stop in and make yourself known. We wish that we knew every customer personally.

WATCHING OUR ORDERS

It is a difficult task but we mean to watch every order personally and see that it is put up properly, packed right and handled just the way our customers would want it. Do not be afraid to write in if you ever receive any order that is not just the way you think it should be. It is very hard to do this, especially during planting season.

EARLY ORDERS APPRECIATED

It is not always handy for our customers to take their seeds in before planting time but if this could be done, we could take more pains with the order and we could get them out in a little better shape. If you will just try and order your seeds a few days earlier than usual, we know that you will be a little better pleased and it will help us a lot.

SEED PROBLEMS

Be sure and write us when you have any problems pertaining to your seeds. We will answer you right back and will give you all the information that we have. We are always glad to do this for it is to our mutual benefit to sell and offer the best varieties obtainable.

Yours for better seeds,

B. F. METCALF.

B. F. METCALF & SON, Inc.

Established 1910

Wholesale and Mail Order Departments at Chittenango, N. Y.

RETAIL STORES AT

Syracuse, Fayetteville, Manlius, Chittenango, Canastota and Oneida.



NORTHWESTERN GROWN COMMON ALFALFA

SEED GRAINS

SEED OATS—ALBERTA CLUSTER

One of the heaviest yielding oats we have been able to find—yielding as many as 85 bushels per acre. A cluster oat borne on long, stiff straws. We bring in our seed from Canada and know that it is good, hardy stock.

CORNELLIAN OATS

As the name implies, this oat originated at Cornell University and has since been quite extensively grown in Central New York. From the fact that the kernels are rather long and slim and gray in color, the appearance is not the best, but this variety seems to be one of considerable merit.

WESTERN GROWN

We offer a very fine Western grown seed oat that will produce a satisfactory crop. Seed is plump, white and good size, and the price is reasonable.

*"When Better Seed Is Grown,
Metcalf Will Have It"*

CLOVER—TIMOTHY

WE take great pride in the fact that we are able to offer the very best grades of Timothy, Clover and Alfalfa seed that it is possible to secure. Since our Timothy carries a 99.60% to 99.85% purity test, and is selected for good color and size and also high germination, you are getting seed of A No. 1 quality in every respect. Our Clovers and Alfalfa, being grown in the Northern sections, have proven to be very hardy and will produce maximum yields. All of our seeds are recleaned over special machinery. Ask us for sample—then make a comparison with others.

Don't buy cheap seed. Watch the germination on your seed as well as the purity. Every bag of our seed has a tag on stating exact purity and germination.

RED CLOVER

METCALF'S RECLEANED MAMMOTH—DOMESTIC

This is the large growing or "Pea-vine" clover that produces an enormous yield. Seed is northern grown and you are assured of high vitality and germination.

METCALF'S RECLEANED MEDIUM—DOMESTIC

In more general use than any other clover—wonderful for feeding and a great soil builder. Our seed is the best obtainable.

ALSIKE CLOVER—METCALF'S RECLEANED

The stems and leaves are smaller than those of Red Clover, but more numerous, making a finer hay. Does especially well on low, moist soils.

**All Clover and Alfalfa Seed verified as
to origin by U. S. Government
(We Do Not Handle Imported Clover)**

TIMOTHY

METCALF'S RECLEANED—99.60% TO 99.85% PURE

Our Timothy seed is not selected alone for its high purity and germination, but also for good color and plumpness. We stake our reputation on the quality of our Timothy seed.

TIMOTHY AND ALSIKE MIXED—20% ALSIKE

This is a natural mixture and will give very satisfactory results. Alsike content is high and of good quality, weed content has been as low as $\frac{1}{2}$ of 1%.

ALFALFA

METCALF'S RECLEANED NORTHWESTERN

This seed we have secured from the same source for years and know that it will produce best results.

GENUINE GRIMM—SEALED BAGS

This is the genuine Grimm and comes to us certified in sealed bags. Seed is from the Northwest also, and is a fine, hardy strain.

CANADIAN VARIEGATED

We secure our supply direct from Ontario and know that we are offering the very best Canadian Variegated Alfalfa to be obtained.

SWEET CLOVER

METCALF'S W. B. SCARIFIED

Sweet clover is coming into very general use, and its value as a soil renovator has brought it into particular favor. Our seed is scarified, which improves germination.

CRIMSON CLOVER

Crimson Clover is one of the few annuals in the clover family. It grows from one seed, and one-half to two feet tall, and is a deep rooter. Crimson Clover may be sown any time from July to September.

SEED GRAINS

GOOD clean, high grade field seeds, free from weeds and disease are the cheapest to buy, even if the cost is a little more. Look at the analysis tag and make sure that germination and purity are high.



ALPHA BARLEY

This is practically a new barley, which originated at the Cornell Agricultural College. It is a two-row barley with long heads and large, plump, heavy grain of high quality. The heads are well filled and usually four or five inches long. The straw is long, but strong, and stands up well.

SIX-ROW ODERBRUCKER BARLEY

According to the Experimental Stations in Wisconsin the Six-Row Oderbrucker Barley yields from five to ten bushels more than the Two-Row. Also they claim the straw is stiffer and that the time of ripening is about the same as the Two-Row variety.

TWO-ROW COMMON BARLEY

Our barley is grown in the State of Wisconsin, for the best two or six-row barley comes from this section. We consider the Two-Row Barley much better to mix with oats and peas if you are going to use your barley with a mixture.

WINTER RYE

We sell only the new Rosen Winter Rye. This new variety is considered the very best kind on the market. The large grains are plump and light colored, the straw is strong and stands up well. The heads fill unusually good, making it a very heavy yielder.

SPRING RYE

Our Spring Rye is western grown and is grown on contract for us by the most reliable seed growers we know of. The grain has a very nice, large, plump kernel.

JAPANESE BUCKWHEAT

This variety is much larger than the old Silver Hull and is of much darker color. The straw is much larger than the Silver Hull.

SILVER HULL BUCKWHEAT

The grain is much smaller than the Japanese and of a silvery gray color. It being much lighter in color than the Japanese, it makes a whiter buckwheat flour.

HUNGARIAN MILLET

This is a quick growing, early variety, but does not give nearly as heavy a growth as the Golden or Japanese, but when cut green is relished by all kinds of stock.

JAPANESE MILLET

This is without doubt the most valuable of the Millets, being well adapted to many different uses. It may be fed green, cured into hay, or cut for ensilage. When fed green it may be cut from time to time until the seed starts to ripen, and is highly relished by all kinds of stock in this form. When used for hay it should be cut in the blossom stage.

SPRING WHEAT

We sell only the Marquis type of spring wheat. This is a variety that does very well in our locality. We bring it into this country in a large way from Northwest Canada, mostly from the Province of Manitoba.

GOLDEN MILLET

This well known variety makes a very heavy yield and when it can be fed green it is an excellent forage.

CANADA FIELD PEAS

Canada Peas can be used for a great many purposes. Grown in a large way in this territory mixed with oats and barley. The grain is of relatively high feeding value and the straw is extra good.

DWARF ESSEX RAPE

Under ordinary conditions it reaches a height of from 1½ to 4 feet, and the strong growing roots penetrate the soil to a considerable depth.

It requires a rich, moist, loamy soil, and will usually do well on any but light, sandy loams and stiff clays.



COW PEAS

Weight 60 lbs. per bushel

Cow Peas are Southern variety peas and do not do very well in our climate. The Whippoorwills are the best varieties to grow.

SUNFLOWER—MAMMOTH RUSSIAN

Sunflower is valuable to poultry raisers for the poultry run, as the large leaves offer shade for the poultry. The seed makes a very good addition to any poultry ration. Rich in oil and protein, also valuable for hogs.

SUDAN GRASS

Sudan Grass, though of recent introduction into the United States, is now used exclusively. An annual producing an abundance of very nutritious hay.

HAIRY VETCH

This is adapted to nearly as wide a range of uses as Red Clover and in regions where Red Clover, for any reason, does not do well it is the best substitute. Makes excellent hay and furnishes good pasture.

WILSON SOY BEANS

As a forage crop, Soy Beans have become very important in many sections of the United States.

FLAX SEED

Flax Seed is grown very little in our locality. It is grown mostly in Minnesota; seems to grow on sick lands which are too poor for most any other crop.

SORGHUM or AMBER CANE

There is very little sorghum raised in this locality. It is principally used as a summer fodder for cattle in the Southern States.

SPELTZ or EMMER

This grain is said to be a species of wheat and has the appearance of a combination of wheat, barley and rye. It has been grown quite extensively and with good success for some years throughout the Northwest, where it was first introduced from Europe.



METCALF'S LAWN GRASS SEED

BUY PURE SEED WITHOUT WEEDS—WE MIX ALL OUR LAWN SEED

A FINE LAWN is an unfailing mark of intelligence and taste, to obtain which the main point is to start right. Seed will make a better lawn than turf or sod. The best soil is a good medium texture. The surface should be thoroughly pulverized and smoothed to the desired grade; remove all large stones, roots and hardened pieces of earth that cannot be readily broken, ample time being allowed for the thorough settling of the soil, which is greatly aided by a few heavy showers of rain. When the soil is firm, level and suitably moist, sow Metcalf's Lawn Grass Seed at the rate of 150 lbs. per acre. It is unwise to be too economical in the quantity of seed used if the best results are desired. The seed should be sown broadcast and as evenly as possible; then give a thorough rolling or pat well with the back of a spade. The seed must be well firmed in the soil. When the young grass attains sufficient height it should be mowed with a lawn mower every week or ten days, according to the season. In dry weather keep the lawn well watered.

GENERAL SURFACE RENOVATING

When your lawn has been established you will find it is to your advantage to lightly re-seed each season. As early as possible, carefully rake off all dead leaves, etc., and give the lawn a dressing of our pulverized SHEEP MANURE or our PURE BONE MEAL at the rate of 75 pounds to the acre; roll thoroughly or pat with the back of a spade.

METCALF'S SUNNY PLACE MIXTURE

This high-class Lawn Seed is a combination of just the right kinds of rapid growing grasses to produce a thick, permanent cover in from five to seven weeks. Take a little time and thoroughly prepare the seed bed, as per above directions. Sow our Sunny Place Mixture and you will soon have a velvet lawn that will be a delight for years to come.

1 Lb., 30c; 4 Lbs., \$1.00; 5 Lbs., \$1.25

METCALF'S SHADY PLACE MIXTURE

There are always some shady spots where it is hard to grow grass, such as under trees and next to buildings, so we have prepared a Shady Place Mixture. This mixture will give better satisfaction than any other.

1 Lb., 50c; 5 Lbs., \$2.25

Terrace Mixture.....	1 lb. 40c	5 lbs. \$1.75
Golf Links Mixture.....	1 lb. 35c	5 lbs. 1.50
Putting Green Mixture.....	1 lb. 50c	5 lbs. 2.25

PEAT MOSS

We know of nothing better for putting the soil of worn-out lawns in good physical condition than **Peat Moss**. It is easy to put on, contains no weed seed, stimulates the growth of the grass, and prevents seed from washing away. **Bale** (enough to cover over 250 square feet $\frac{1}{2}$ inch thick), \$3.25 f. o. b. Syracuse, N. Y.

FANCY GRASSES

KENTUCKY BLUE GRASS

This is a very popular grass for use in mixtures and is widely used for this purpose. It does best on moist, rich loams, fairly well drained, but adapts itself to quite a range of soils, preferably soils containing some lime.

CANADIAN BLUE GRASS

It is generally believed that this grass is the product of the Kentucky Blue Grass grown in Canada for a considerable period, and, owing to the fact of its being grown in this cooler climate, has taken on a somewhat different character than the original Kentucky article.

RED TOP

Red Top succeeds on a greater variety of soils than, perhaps, any other grass in a general use, giving very good results on light soils and on heavy, moist or low land soils.

We recommend our Metcalf's Best Brand of re-cleaned seed, which is the very best grade on the market.

ORCHARD GRASS

This is a very valuable variety for pastures. It starts very early in the spring and makes a rapid growth, being ready for pasture before most other grasses.

ENGLISH or PERENNIAL RYE GRASS (*Lolium perenne*)

This is a smaller growing variety than the Italian Rye Grass, grows from 1 to 2 feet high, and produces a good quality of very fine foliage. It tillers out close to the ground and makes a very fine sod.

ROUGH STALKED MEADOW GRASS (*Poa trivialis*)

This variety is highly recommended for pasture mixtures. In rich, deep, moist land and heavy clays it gives a continual supply of very nutritious pasture and is preferred by most all stock to many of the other grasses.

TALL MEADOW OAT GRASS (*Avena eiatlor*)

This is a very hardy perennial grass which stands extremes of both heat and cold very well. It makes a very strong growth the first season and is very desirable for pasture.

ITALIAN RYE GRASS (*Lolium italicum*)

This is a biennial variety, flowering in June or July and growing 1½ to 3 feet high. It seems to be more specially adapted for pasture mixtures of short duration. It makes a very quick growth.

TALL FESCUE

This is a tall growing grass, reaching a height of 3 to 4 feet under favorable conditions, coarse growing and leaves quite broad. It does best on rich, clay soils, on which it produces very heavily.

FOWL MEADOW GRASS or FLOATING FESCUE

This is a tall growing grass, sometimes reaching a height of 5 feet, that especially thrives in low, wet places and along ditches where other grasses will not grow, and, owing to its weakness and heaviness of stems, usually bends over, floating on the surface of the water.

FINE LEAVED SHEEP'S FESCUE (*Festuca ovina tenifolia*)

This, as the name implies, is quite similar to the Sheep's Fescue, but produces a much finer grass, and is quite a favorite with all kinds of stock.

RED or CREEPING FESCUE (*Festuca rubra*)

This variety, as its name implies, is of a creeping character and on account of its very deep rooting tendency stands severe droughts remarkably well, remaining green when other varieties are pretty well dried up. It is, therefore, especially adapted for dry pastures and produces a good amount of grass of medium quality.

VARIOUS LEAVED FESCUE

This variety is used to a considerable extent in some sections in pasture mixtures and also for lawn grass mixtures. It is sometimes used for hay, making a very heavy growth.

MEADOW FESCUE

A strong perennial grass with long, fibrous roots. The seed stalks reach a height of 1 to 2 feet on up-land soil, but on rich, black bottom lands it will reach 3 feet or more.

HARD FESCUE

This is a very hardy, dwarf growing variety, valuable for pastures and also considerably used for lawn mixtures. It succeeds in light and medium soils, and will stand protracted droughts better than most other varieties.

SHEEP'S FESCUE

This variety, as the name implies, is used largely for sheep pasture, being well adapted for dry, up-land pastures and greatly relished by sheep as well as other stock.

CREEPING BENT GRASS or FIORIN

This is a grass suited to most localities, growing to a height of 1 to 2½ feet. It is of a creeping nature, the roots spreading under the surface. It is very desirable in permanent mixtures, is a fine growing grass, and relished by all stock.

RHODE ISLAND BENT GRASS

This variety is quite similar to the Creeping Bent in many ways, except that it has a slight tendency to grow in tufts. It will, however, thrive on poorer soil than the Creeping Bent, but does not produce as heavy.

SWEET SCENTED VERNAL

This is one of the very earliest pasture grasses. It makes a very thick turf and is considerably used in pasture mixtures, being very desirable for its fragrance.

WOOD MEADOW GRASS

This variety is especially adapted to growth in wooded and shady places, and for such spots is used to considerable extent for pastures. It is also used in mixtures for shaded lawns.

CRESTED DOGSTAIL

This is a very desirable variety for hard, dry, soils, being very hardy and not greatly affected by extremes of temperature. It is very nutritious, and while young is greatly relished by all stock.

METCALF'S FARM SEEDS



All of our Clover seed that we sell is the very highest grade — domestic grown — and what is most important, comes from the Northwest. We do not sell southern or imported Clover Seed.

SEE PRICE LIST ENCLOSED.

ALPHA BARLEY

This variety was originated at Cornell Agricultural College and the best seed is grown near there in Cayuga County, where we secure our supply.

This is a two-row barley with long heads and large, plump, heavy grain. The best variety to raise with oats, as it matures at the same time.

ASK FOR SAMPLE.



ALPHA BARLEY

Metcalf's Perfect Ensilage Corn

OUR corn is grown for us under the most careful supervision in those sections producing the best seed corn, and comes to us in the very best possible condition.

Metcalf's Perfect Ensilage is the greatest ensilage corn today. Selecting your variety of Ensilage Corn is a big and difficult problem these days. It is hard to find a corn that will do for husking and also make a perfect ensilage corn, but in the variety of corn that we sell under the name of Metcalf's Perfect Ensilage Corn we know we have found one.

There are lots of good ensilage corns that will produce a large amount of tonnage to the acre, but as most feeders want a high percentage of dry matter, it is not always advisable to sow the corn that produces the most tons, but the one that produces the largest amount of corn in the ensilage.

Metcalf's Perfect Ensilage Corn

THIS is a hybrid variety, some of the kernels being quite red and some with more of a yellow cast. Big, deep, thick kernels, sinking far into the small cob that it has, makes it a wonderful corn to grow for feed.

If planted and cultivated both ways, as you would a field of husking corn, we have seen this corn fit to pick in ninety days right in the vicinity of Syracuse. If it is to be grown for ensilage purposes and planted in rows close together and cultivated one way only, the corn will grow much taller, but will not ripen as quickly. We have seen it ready to put in the silo in a hundred days.

Most of the farmers in our locality like to plant a corn for the silo and still be able to go through and snap off some of the ripe ears of corn in the fall to feed to their pigs, etc.

There is a great deal of difference in the silage made from two different kinds of corn. With the high cost of feed, farmers are looking for corn that has the most good, solid ears as well as the biggest amount of foliage, or leaves.

You can reduce your feed bills by planting Metcalf's Perfect Ensilage Corn.

This corn is examined carefully during the growing season, is sorted and put through a drying system that takes the moisture out so that it will keep well, and every bag is stenciled by us with the above name on, and we will not ship it out unless it shows a germination of 90% or over. It is nothing for us to have corn that grows practically 100%.

The best seed is the cheapest in the long run.

Metcalf's High Grade Ensilage Seed Corn

WEST BRANCH SWEEPSTAKES

This is an ensilage corn that will ripen in most any ordinary season and will make the heaviest possible growth of stalks, foliage and grain, and is what we have all been looking for. It is a variegated corn, some of the kernels being a light yellow and others a very dark red. It is an early corn, still a very heavy yielder. Dairymen like the ensilage made from this corn because it is very rich on account of having so many ears of corn in it.

LUCE'S FAVORITE

One of the very best early maturing fodder corns, a cross between Minnesota King and Yellow Flint, producing the feeding value of the Flint and many of the desirable qualities of Minnesota King; foliage heavy, strong, vigorous grower, the ears are from nine to twelve inches in length, eight-rowed, broad kernels with a slight dent; matures in ninety-five days.

PRIDE OF THE NORTH

Possibly the oldest and best known of the ninety-day Dent Corn, and still one of the most popular over a widespread territory. Pride of the North is a strong grower, with a heavy amount of foliage for so early a corn.

EARLY WONDER

One of the largest growing, early maturing silo corns. This corn is used by many dairymen and has many friends.

LANCASTER COUNTY SURE CROP

This is an ensilage corn that grows tall, has very heavy foliage and develops ears early. The ears are very long and the corn is a reddish yellow color when shelled. The color and length of ears are some of the good qualities of this corn. Matures in about a hundred days.

IMPROVED LEAMING

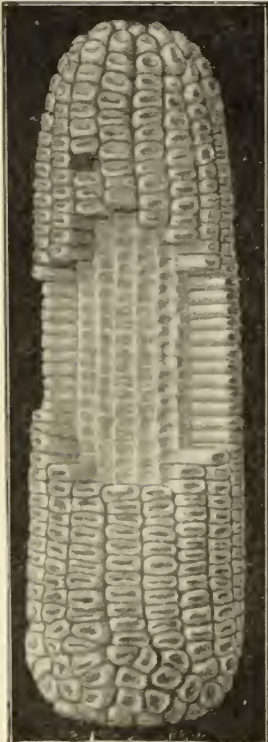
Possibly the widest used of all fodder corns and a standard variety for years; a vigorous grower with extremely heavy foliage. The ears are from ten to twelve inches long, bearing a high percentage of round cup dents; heavy kernels, medium small cob with medium deep kernels, maturing in about a hundred and ten days.

GOLD MINE

One of the standard medium late varieties, with a good growth of stalk and leaves, the ears running from nine to eleven inches in length and small cob, with extremely deep, thin kernels. Gold Mine is one of the roughest eared corns grown.

CORNELL NO. 11

A newer variety of Dent Corn, which is fast becoming one of the most popular in this territory; the early short, medium deep kernel, with smooth rounded cap, often shows a tendency to run to deep orange and is said to possess high feeding qualities; matures in about ninety days.



METCALF'S PERFECT
ENSILAGE CORN

High Grade Ensilage Seed Corn

LATE EUREKA

The largest growing ensilage corn in existence, is grown in Virginia, has very large, flat, square kernels. Strictly a white corn. If you want quantity instead of quality this is the kind to raise.

EARLY EUREKA

A standard variety of white corn with widespread use for fodder purposes, medium rough ears, good length kernels with a fair-sized white cob; the stalk is a vigorous grower with heavy foliage, maturing ears in about a hundred and five days.

GOLDEN GLOW

This is a corn about the size of Pride of the North, makes fully as much silage, or more, ripens about the same time and has a much nicer ear. It is not as rough in the ear as Pride of the North, grain is a little shorter and more plump, and it is a little more highly colored than some of the other corns.

WHITE CAP YELLOW DENT

A ninety to ninety-five day corn, used very largely as a fodder corn in the eastern and Ontario districts; foliage heavy, the ears from eight to eleven inches in length, the kernels medium deep, smooth, white cap and straw-colored tip.

CUBAN GIANT

One of the best white corns for ensilage purposes, has rough ears about ten inches long with white cob, has a good tall stalk with lots of foliage. Matures in about a hundred days.

LAKE ERIE DENT

A big, yellow ensilage corn, has large ears, big kernels and very vigorous stalks, ripens in about a hundred and five days.

EARLY MASTODON

A good, large fodder corn with good-sized cobs, medium deep kernels, smooth white cap with light yellow tips, maturing in about one hundred and five or ten days.

Flint or Husking Corn

LONGFELLOW YELLOW FLINT

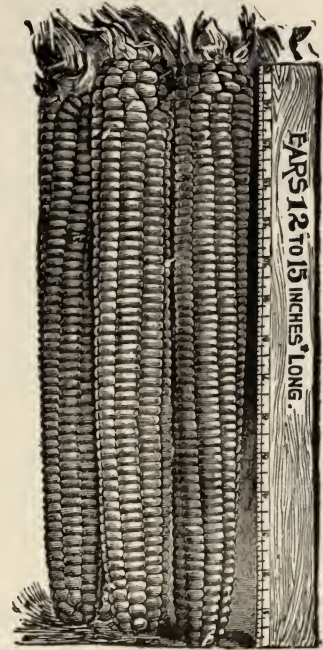
The standard and best known of the Yellow Flints, one of the best of all Flint varieties; the stalk is of good height and extremely resistant to adverse weather conditions; ears are long, eight-rowed, smooth kernels, medium size cob, maturing in ninety days.

EIGHT-ROW CANADA

This is one of the earliest Eight-Row Flint Corns. It was given the name of "Canada" Flint, but this is simply a trade name, for it is grown in Nebraska and does well in this locality, providing the earliest Flint Corn is wanted.

HALL'S GOLDEN NUGGET

This is the largest Yellow Flint Corn in existence. The ears are very large, sometimes growing twelve inches long, straight yellow deep flat kernels nearly as large as Luce's Favorite Corn. Strictly a Flint corn and will ripen in about a hundred days.



LONGFELLOW YELLOW FLINT

REID'S YELLOW DENT

One of the older types of yellow silo corn, has big, broad kernels and ripens in about a hundred days. Very good for ensilage purposes.

BLOODY BUTCHER

Is a large, red ensilage corn; has long, narrow kernels set deep into the white cob. Ears are about 8 inches long; lots of foliage on the stalk; excellent for ensilage purposes.

90-DAY GOLDEN DENT

One of the earliest yellow dent corns, has a red cob with narrow-pointed kernels. Ripens in about ninety days. Is very good for husking or ensilage use.

ANGEL OF MIDNIGHT

Very similar to Longfellow and oftentimes showing a tendency to run a little deeper orange color.

SANFORD WHITE FLINT

This is a standard and well known White Flint Corn and is practically the only white Flint Corn sold. It grows to a good height, has large ears and a big, flat kernel, maturing in about a hundred days.

CANADA SMUTNOSE

Large Yellow Flint has a marked tendency for the top of the corn to break out from the husk and become red or bronze color; ten to thirteen inches in length, eight-rowed and one of the best Flint varieties.

KING PHILIP

A large red Flint Corn, eight-rowed, smooth cap, ears about eleven to twelve inches long, a very good fodder Flint variety, drought-resisting, and maturing in about eighty days.

ASPARAGUS

PALMETTO—A good one to market for profit, large size, dark green, heavy yielding, and comes early.

GIANT ARGENTEUIL—Adapted to home garden, has large and tender stalks and dark green color.

BARR'S MAMMOTH—This brand has large green shoots and they grow the entire season.

MARY WASHINGTON—The one best asparagus of all, long, thick shoots, dark green and tender. The last word in Asparagus.

	Pkg.	Oz.	¼ Lb.	Lb.
Palmetto	\$0.10	\$0.15	\$0.35	\$0.85
Giant Argenteuil.....	.10	.15	.35	.85
Barr's Mammoth.....	.10	.15	.35	.85
Mary Washington Rust Resistant .....	.10	.20	.55	1.50

ASPARAGUS ROOTS

2 Years Old

	Per 100	Per 1000
Mary Washington Rust Resistant.....	\$1.75	\$12.00

ARTICHOKE

The seed we offer is that of the true or Globe Artichoke.

GREEN GLOBE—Price, Pkt., 10c; Oz., 45c; 2 Oz., 80c; ¼ Lb., \$1.55.

BEANS

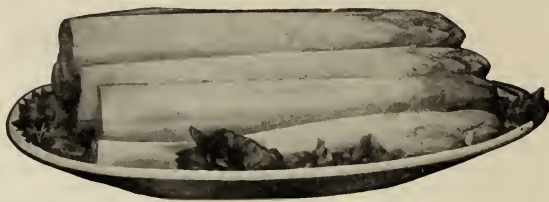
No crop responds more readily than Beans to good soil and cultivation.

We give careful attention to selecting and improving the different varieties and keeping them pure, and we invite the most careful comparison of our stocks with those of any other seedsman.

DWARF OR BUSH—WAXED PODDED SORTS

GOLDEN WAX, IMPROVED—Closely resembles Golden Wax, differing only in having a shorter, stouter and more straight, flat pod. Plant is a trifle shorter and apparently not as productive as the old style.

DAVIS WAX—This is also called Davis White Kidney Wax. It is a well known market sort, much used for shipping. The pods are remarkably long, about six inches, sometimes longer. They are hand-



ASPARAGUS

BEANS

some, light yellow, straight, very attractive, and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, kidney shaped, clear white.

CHALLENGE DWARF BLACK WAX—The plants, although small, are compact and erect, bearing pods well up from the ground. The pods are an attractive medium yellow in color, medium sized, about four and one-fourth inches long, roundish oval, considerably curved, fleshy, crisp, tender and stringless.

MICHIGAN WHITE WAX—A white seeded Golden Wax. An excellent variety, very early, pods 4½ to 5 inches long, oval in form, broad, meaty and stringless; color light golden yellow.

CURRIE'S RUSTPROOF WAX—The pods are light yellow; similar in shape to Golden Wax but longer. Seed oval, purplish black. This is a well known market gardening and trucker's sort.

REFUGEE WAX—Stringless. A popular canner's variety. Mid-season, very hardy, vigorous and productive. Pods 4½ to 5 inches long, slender, regularly curved, round, well filled, with no depressions; fleshy, fine grained and excellent quality. Color pale yellow.



IMPROVED GOLDEN WAX BEANS

BEANS

PENCIL POD BLACK WAX—This very handsome black wax sort is medium early, one of the best sorts for home use and for near markets where the highest quality is desired. Pods five and one-half to six inches, straight, round, fleshy and of a bright yellow color. They are tender, absolutely stringless and are produced through a long season.

HODSON WAX—This variety is very well adapted for market gardening purposes on account of its vigor of growth, productiveness, and freedom from bean diseases. The pods are handsome, clear creamy white, very long, about six to seven inches.

UNRIVALLED WAX—The pods of this dwarf variety are longer than Golden Wax and a little lighter in color, are rather narrow and somewhat flattened but fleshy.

WARDWELL'S KIDNEY WAX—This standard variety, maturing a little later than Golden Wax, yields a large crop of long, nearly straight, broad, light golden yellow, handsome pods. Seed large, flattened, kidney shaped, white with dark markings about the eye.

ROUND POD KIDNEY WAX—A very handsome mid-season variety, especially desirable for snaps for the home garden. The plants are of strong growth, spreading and very productive. The pods are long and round, five and one-half to six inches, slightly curved, light yellow, wax-like, stringless and of the very best quality. Seeds long, cylindrical, medium sized, nearly white with a little dark marking about the eye.

GREEN PODDED SORTS

BURPEE'S STRINGLESS GREEN POD—An early, hardy, string bean, pods long, dark green, tender and brittle.

STRINGLESS GREEN POD—A very desirable dwarf green podded snap sort for the home garden and largely grown for the market. The pods are medium green, five to six inches long, cylindrical.

BOUNTIFUL—This is an excellent dwarf, green podded sort. The vines are vigorous and productive. Pods very long, six to seven inches, straight, broad, flat, light green, of handsome appearance and absolutely stringless for snaps.

FULL MEASURE—A fine, stringless, early medium green, high quality bean. Pods straight, 6 inches long, very fleshy, round, crease-backed and showing depressions around the beans. Season with Burpee's Stringless, though not as productive. Seed bean much resembles Red Valentine.

IMPROVED EARLY RED VALENTINE—Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy, and eaten when young are of good quality; the seed is red spotted.

BLACK VALENTINE—A very hardy and productive green podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened, but very handsome, are much longer, straighter and less fleshy than Red Valentine. The pods are medium dark green and about six inches long, seed small to medium sized, black, oblong, slightly flattened.

DWARF HORTICULTURAL—One of the best dwarf sorts for green shell beans for the home garden and market, can be used early as a green podded snap bean.

REFUGEE OR THOUSAND TO ONE—A standard very productive sort, highly esteemed for late planting for snaps and very extensively used for shipping, canning and pickling.

DWARF LIMAS

BURPEE'S IMPROVED BUSH LIMA—This is a little the earliest maturing of the large seeded limas. The plants are vigorous and productive. The pods are medium green, very large, about five inches long, thick and usually contain four beans, which are unusually thick, of largest size and of excellent quality.

FORDHOOK BUSH LIMA—An improved dwarf lima of the Kumerle type. It is sometimes called Potato Bush Lima. The pods are about four and three-fourths inches long and each contains three to five large beans of exceptionally fine quality.

HENDERSON'S BUSH—A vigorous, hardy, very early small type of Bush Lima; much in favor with

canners. Pods small, about 3 inches long, containing three to four small, flat, white beans of good quality.

POLE LIMAS

KING OF THE GARDEN LIMA—The vines of this standard pole lima are very vigorous and productive. The pods are medium dark green, very large, five to six inches long, broad, flat, filled with four or five very large white beans of finest quality.

SEIBERT'S EARLY LIMA—Pods are medium green, large, flat, about five inches long, moderately curved. The green shell beans are very large, very tender and of finest quality. Seed ovoid, flat, with slight greenish tinge.

WHITE DUTCH RUNNER—Same general habit as Scarlet Runner; pods slightly larger; flowers and beans white.

SCARLET RUNNER—On the order of limas; grown mostly in America for its ornamental, bright scarlet flowers.



BOUNTIFUL STRINGLESS
GREEN POD

BEANS

POLE OR RUNNING

KENTUCKY WONDER WAX—The pods are very long, handsome, light yellow, often eight to nine inches in length.

GOLDEN CLUSTER WAX—An excellent pole wax-podded sort; early, vigorous, hardy and productive. Pods $5\frac{1}{2}$ to 6 inches long, extremely straight and flat; very fleshy, fine-grained, attractive and good quality; color light waxy-yellow. Beans white, oval-shaped.

DUTCH CASE KNIFE—The vines of this well known green podded kidney bean, for green shell use, are of good climbing habit. The pods are very long, seven to eight inches, flat, irregular, medium green.

LAZY WIFE—Good shell beans; long, thick, stringless pods.

KENTUCKY WONDER or OLD HOMESTEAD—The most popular green-podded, climbing or corn-hill bean; early and productive. Pods 8 to 9 inches long, very slender, decidedly curved, slightly stringy, tender and good quality.

Prices on beans subject to change, and offered subject to being unsold.

DWARF WAX	Pkt.	1 Lb.	2 Lbs.	10 Lbs.	100 Lbs.
Golden Wax.....	\$0.10	\$0.35	\$0.60	\$1.90	\$16.00
Davis Wax.....	.10	.35	.60	1.90	16.00
Challenge Wax.....	.10	.35	.60	1.90	16.00
Michigan White Wax.....	.10	.35	.60	1.90	16.00
Currie's Rust Proof.....	.10	.35	.60	1.90	16.00
Refugee Wax.....	.10	.35	.60	2.00	17.00
Hodson Wax.....	.10	.35	.60	2.00	17.00
Pencil Pod.....	.10	.35	.60	1.90	16.00
Unrivalled Wax.....	.10	.35	.60	2.00	17.00
Wardwell's Kidney.....	.10	.35	.60	1.90	16.00
Round Pod Kidney.....	.10	.35	.60	2.00	17.00

DWARF GREEN

Burpee's Stringless.....	.10	.35	.60	1.70	14.00
Giant Stringless.....	.10	.35	.60	2.00	17.00
Full Measure.....	.10	.35	.60	2.00	17.00
Bountiful.....	.10	.35	.60	1.90	16.00
Red Valentine.....	.10	.35	.60	1.70	14.00
Black Valentine.....	.10	.35	.60	1.70	14.00
Dwf. Horticultural.....	.10	.35	.60	2.00	17.00
Refugee 1000 to 1.....	.10	.35	.60	2.00	17.00

DWARF LIMAS

Burpee Bush.....	.15	.40	.75	2.40	21.00
Fordhook Bush.....	.15	.45	.80	2.70	24.00
Henderson's Bush.....	.15	.40	.75	2.10	18.00

POLE LIMAS

King of the Garden.....	.15	.40	.75	2.40	21.00
Seibert's Early.....	.15	.40	.75	2.40	21.00
White Dutch Runner.....	.15	.40	.75	2.30	20.00
Scarlet Runner.....	.15	.40	.75	2.30	20.00

POLE WAX

Kentucky Wonder Wax.....	.10	.35	.60	2.00	17.00
Golden Cluster.....	.15	.40	.75	2.10	18.00

POLE GREEN

Dutch Case Knife.....	.10	.35	.60	1.90	16.00
Lazy Wife.....	.10	.35	.60	1.90	16.00
Kentucky Wonder.....	.10	.35	.60	1.90	16.00
London Horticultural.....	.15	.40	.75	2.40	21.00

LONDON HORTICULTURAL or SPECKLED CRANBERRY—One of the best of the horticultural varieties as a general purpose late green shell bean for home or market. The pods are medium length, pale green when young, becoming, as they mature, yellowish green striped or splashed with red. The beans are large, flesh-colored, splashed and spotted with wine-red and of the highest quality, either green or dry.

BEET

1 Oz. for 50 Feet; 8 Lbs. per Acre

The best results are obtained on a deep, rich sandy loam. If wanted very early sow in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit. When the plants are well established thin out to six inches apart in the row.

EXTRA EARLY EGYPTIAN BLOOD TURNIP—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops.

DETROIT DARK RED—We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color, the most desirable for canning.

EARLY WONDER—A selection also from Crosby's Egyptian, and while a little later, is a very fine beet for bunching.

CROSBY'S EGYPTIAN—This very desirable table beet resembles the original Egyptian in its extreme earliness. The tops are small. The roots are flattened globe-shaped and very smooth. The exterior color of the root is bright red. The flesh of our strain is bright vermilion-red.

EARLY ECLIPSE—An early beet, especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped with a small top and smaller collar.



DAVIS WHITE WAX

BEET

EDMAND'S EARLY BLOOD TURNIP—A desirable second early market beet, suitable also for the home garden. Crisp, tender, sweet and an excellent keeper.

EARLY BLOOD TURNIP (Improved) — An early selected stock of Blood Turnip. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender.

LONG DARK BLOOD—A standard long late variety of very good quality which keeps well through the winter.

BEETS

	Oz.	4 Ozs.	½ Lb.	Lb.
Extra Early Egyptian Blood Turnip	\$0.10	\$0.25	\$0.45	\$0.80
Early Wonder.....	.10	.35	.60	1.00
Crosby Egyptian.....	.10	.25	.45	.80
Detroit Dark Red.....	.10	.25	.45	.80
Early Eclipse .....	.10	.25	.45	.80
Edmand's Early Blood Turnip .....	.10	.25	.45	.80
Early Blood Turnip .....	.10	.25	.45	.80
Long Dark Blood.....	.10	.25	.45	.80

SWISS CHARD

LUCULLUS—This kind of beet is grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. Price—Oz., 10c; 4 Ozs., 30c; ½ Lb., 50c; Lb., 80c.

MANGEL WURZEL

GIANT HALF-SUGAR—Desirable for stock feeding, affording not only a very large crop but also having higher nutritive value, being especially rich in sugar. The roots are light bronze green above ground, grayish white below, with white flesh.



DARK RED TURNIP BEET



IDEAL MANGEL

IMPROVED MAMMOTH LONG RED — The roots are very large, uniformly straight and well formed and comparatively thicker than the common sort. The flesh is white tinged with rose. This strain, under careful culture, is enormously productive.

IDEAL MANGEL BEET—The illustration shows excellent type of the Ideal Mangel. It is practically the same size at top and bottom, and grows two-thirds out of ground. Growing so much above ground makes it very easy to harvest, even on hard soils. Don't take a substitute, for it is the most wonderful cattle beet in existence.

GOLDEN TANKARD—The tops are comparatively small, with leaf, stalks and veins distinctly tinged with yellow. The neck is small. The roots are large, ovoid, but with bottom usually of larger diameter than top, light gray above ground, deep orange below. The flesh is yellow, zoned with white.

YELLOW ECKENDORF — Light yellow. Grows well above ground, and a very heavy yielder.

MANGEL WURZEL

	Oz.	¼ Lb.	Lb.
Giant Half Sugar	\$0.10	\$0.25	\$0.50
Improved Mammoth Long Red. ....	.10	.25	.50
Ideal Mangel Beet.....	.10	.25	.60
Golden Tankard.....	.10	.25	.50
Yellow Eckendorf.....	.10	.25	.50

BROCCOLI

The heads resemble somewhat a coarse cauliflower and the culture is the same in all essentials as for that vegetable.

LARGE WHITE CAPE—The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of good quality. Price—Pkt., 15c; Oz., 60c.

ITALIAN GREEN SPROUTING—This variety is very much in demand right now. Heads are large, solid and remain green. After main head is cut a number of sprouts develop and form small heads. Price—Pkt., 15c; $\frac{1}{4}$ Oz., 25c; Oz., 75c.

BRUSSELS SPROUTS

Plant resembles the cabbage, the edible part being the numerous very small heads or sprouts, an inch or two in diameter, formed on the stalk at each leaf joint.

LONG ISLAND IMPROVED—This is a fine strain of sprouts grown extensively for the New York market, where they bring a good price, especially during the winter. The plants produce a large crop of tightly folded sprouts of delicious, sweet flavor. Choice Long Island grown seed. Pkt., 10c; Oz., 25c; 4 Ozs., 75c; $\frac{1}{2}$ Lb., \$1.40.

CABBAGE

1 Oz. Will Produce 1,500 Plants

For many years cabbage seed has been a leading specialty with us. Our cabbage seeds are all grown from approved stock seeds. We believe there is no seed that is more reliable, nor any that can be more implicitly depended upon to give planters uniformly satisfactory results.

The requisites for complete success with cabbage are: First, good seed. In this crop the quality of the seed used is of the greatest importance. Second, rich, well prepared ground. A heavy, moist and rich loam is most suitable. Third, frequent and thorough cultivation. The ground should be highly manured and worked deep.



BRUSSELS SPROUTS

FIRST EARLY SORTS

GOLDEN ACRE—The earliest cabbage of all, maturing a week earlier than Early Jersey Wakefield and fully two weeks ahead of Copenhagen Market. Heads round, of medium size and firm. One of the best varieties for the early garden or market.

COPENHAGEN MARKET—The earliest large round or flathead sort. The ripening is early and uniform, maturing at one time and almost with Early Jersey Wakefield.

EARLY JERSEY WAKEFIELD—This most excellent variety is the earliest of the pointed-head type cabbage for the market and home garden. The plants are exceedingly hardy, not only in resisting cold, but other unfavorable conditions. They are compact and erect or very slightly spreading. The stem is short. The heads are of medium size, very solid, uniformly pointed and of excellent quality.

EARLY FLAT DUTCH—Earlier and heads somewhat smaller than Late Flat Dutch; a good, short-stemmed second early.

GLORY OF ENKHUIZEN—This second early variety is very sure heading and of excellent quality. The plants are of vigorous growth, with large, rather spreading outer leaves which are noticeably curved and frilled. The heads are very nearly round, very solid and of large size for so early a variety.

ALL HEAD EARLY—This excellent, second early market sort produces heads that are very large for so early a cabbage and of very good quality. It is desirable not only for general spring planting, but by planting late it can be used as a fall and early winter cabbage. The variety is well adapted for kraut. The plants are compact, with few outer leaves. The stem is short. The heads are solid and flat, but very deep. Our strain is of special value.

AROMATIC, MEDICINAL AND POT HERBS

ANISE: Price—Pkt., 10c; Oz., 35c.

BASIL: Price—Pkt., 10c; Oz., 25c.

CARAWAY: Price—Pkt., 10c; Oz., 20c.

CATNIP: Price—Pkt., 10c.

DILL: Price—Pkt., 10c; Oz., 15c; $\frac{1}{4}$ Lb., 30c; Lb., 80c.

FENNEL, SWEET: Price—Pkt., 10c; Oz., 25c.

HOREHOUND: Price—Pkt., 10c; Oz., 50c.

HYSSOP: Price—Pkt., 10c; Oz., 25c.

LAVENDER: Price—Pkt., 10c; Oz., 50c.

MARJORAM, SWEET: Price—Pkt., 10c; Oz., 50c.

ROSEMARY: Price—Pkt., 10c; $\frac{1}{2}$ Oz., 35c.

SAFFRON: Price—Pkt., 10c; Oz., 25c.

SAGE: Price—Pkt., 10c; $\frac{1}{2}$ Oz., 20c; Oz., 35c.

SAVORY, SUMMER: Price—Pkt., 10c; Oz., 30c.

THYME: Price—Pkt., 10c; $\frac{1}{2}$ Oz., 40c; Oz., 70c.

WORMWOOD: Price—Pkt., 10c; Oz., 30c.



IMPORTED DANISH BALL HEAD

CABBAGE

EARLY WINNINGSTADT—A fine variety for the garden, heads pointed, medium size, hard and of a dark green color, and a very good keeper.

FOTTLER'S IMPROVED BRUNSWICK—An early short stemmed Drumhead of large size, following closely the Jersey Wakefield in season; one of the finest varieties.

ALL SEASONS—A very desirable large cabbage of intermediate season, adapted for autumn as well as late summer use, and considered one of the most desirable for kraut. The plants are very vigorous and sure heading. The heads are nearly round or somewhat flattened, very solid and of excellent quality. It is remarkable for its ability to stand the hot sun and dry weather, remaining an exceptionally long time in condition for use. Sometimes sold as Vandergaw.

DANISH BALL HEAD—Very hardy, sure heading, very solid, of good quality and is one of the very best keepers and is particularly desirable for distant markets or for late spring use. The plants are vigorous and compact, with stem of medium length. They are exceedingly hardy in resisting cold and stand dry weather well. The leaves are distinctly upright in growth, few but rather large, long and narrow, thick, smooth, bluish green covered with



COPENHAGEN MARKET

whitish bloom. The heads are medium sized, round, exceptionally solid and stand shipment better than any other late sort.

PREMIUM LATE FLAT DUTCH—The plants are very hardy, comparatively slow growing but very sure heading; stem rather short. The plants are exceptionally vigorous. The heads are uniformly large, often very large, flat but deep, distinctly flattened on top and of excellent quality.

DRUMHEAD SAVOY CABBAGE—This is the largest heading and best all around Savoy. Plants are strong in growth, having a number of center leaves growing closely about the large solid heads of finest flavor.

IMPROVED AMERICAN SAVOY—The plants are vigorous, of medium size, with rather short stem, and are very sure heading.

CHINESE IMPROVED or PE-TSAI—The strain we offer resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market.

MAMMOTH RED ROCK—The largest and surest heading red cabbage. The plants are large and vigorous, with medium length stem. The heads are late maturing, large, round, very solid and of very attractive deep red color. The variety is much used for cold slaw and pickling.

EXTRA EARLY

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.	5-Lb. Lots
Golden Acre.....	\$0.10	\$0.40	\$1.25	\$2.40	\$4.50	
Copenhagen Market..	.10	.30	.85	1.60	3.00	
Early Jersey						
Wakefield .....	.10	.25	.75	1.25	2.25	

EARLY

Early Flat Dutch.....	.10	.25	.75	1.25	2.25
Glory of Enkuizen.....	.10	.25	.75	1.25	2.25
All Head Early.....	.10	.25	.75	1.25	2.25
Early Winningstadt..	.10	.25	.75	1.25	2.25
Fottler's Improved					
Brunswick .....	.10	.25	.75	1.25	2.25
All Seasons.....	.10	.25	.75	1.25	2.25

LATE

Danish Ball Head....	.10	.25	.80	1.40	2.80	Lb. \$2.70
Flat Dutch.....	.10	.25	.75	1.25	2.25	

SAVOY

Drumhead Savoy					
Cabbage .....	.10	.25	.80	1.40	2.75
Improved American					
Savoy .....	.10	.25	.80	1.40	2.75

CHINESE

Chinese Improved					
or Pe-Tsai.....	.10	.30	.85	1.60	3.00

RED

Mammoth Red					
Rock .....	.10	.25	.85	1.60	3.00

CARROT

1 Oz. for 150 Feet; 3 Lbs. per Acre

For an early crop sow as soon as danger from frost is over. For a late crop sow in May or June, in rows 1 foot apart.

DANVERS HALF LONG—A half long orange carrot, roots of medium length, six to eight inches long, tapering uniformly to a blunt point. The flesh is deep orange, tender and of good quality.

CHANTENAY CORELESS—A most excellent, medium early, half long variety. It is one of the best in quality for the market and home garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium sized with small neck. The mature roots are thick, five and one-half to six inches in length, uniformly half long or stump-rooted but tapering slightly, smooth, deep orange-red in color, and coreless.



DANVERS HALF LONG

CARROT

GUERANDE or OX HEART—Especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. The tops are comparatively small. The mature roots are four and one-half to five inches long, very thick, ending abruptly in a small tap root.

IMPROVED LONG ORANGE—The roots of the improved strains of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large.

HUTCHINSON—Grows 12 to 15 inches long and gives a very heavy tonnage. The best stock feeding carrot.

CARROT

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Danvers Half Long.....	\$0.10	\$0.15	\$0.30	\$0.50	\$1.00
Chantenay Coreless.....	.10	.15	.30	.50	1.00
Guerrande, or Ox Heart.....	.10	.15	.30	.50	.90
Improved Long Orange.....	.10	.15	.30	.50	.90
Hutchinson .....	.10	.25	.65	1.15	2.00

CAULIFLOWER

1 Oz. Will Produce 2,000 Plants

All the cauliflower seed we offer is produced by the most experienced growers in Europe, in such localities as are best suited to its proper development and the greatest care is taken to save seed from perfectly developed plants only.

EARLY SNOWBALL—Unquestionably the earliest maturing strain of the true short-leaved Snowball type of cauliflower. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for those purposes, also one of the best for late summer and fall crop. Early Snowball is, moreover, a most desirable sort for the home garden. The plants are compact, with few short outside leaves, and are well suited for close planting. The heads are of medium to large size, compact, round, very white and curd-like, and are developed earlier than those of any other sort.

EXTRA EARLY DWARF ERFURT—A remarkably sure heading early cauliflower. It is of dwarf habit with short outside leaves and is similar in most respects to Early Snowball, and nearly as early. The heads, when ready for market, are of medium to large size.

DANISH GIANT, DRY WEATHER—An excellent second early variety especially adapted for growing in the open ground. Recommended for localities subject to long, dry seasons, as it will often produce heads of fine quality under these conditions while other sorts are total failures. Heads of medium to large size, very solid, pure white and of fine quality.

CAULIFLOWER

	Pkt.	¼ Oz.	Oz.
Early Snowball.....	\$0.25	\$0.65	\$2.00
Extra Early Dwarf Erfurt.....	.25	.65	2.00
Danish Giant, Dry Weather.....	.25	.65	2.00

CELERY

See to it that the seed is not covered too deep and that the bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. The seed will not germinate well if planted in a hotbed or where subjected to a temperature above 60° F. When the plants are one to two inches high, thin out and transplant so that they may stand two or three inches apart each way. When they are four inches high, cut off the tops, which will cause the plants to grow stocky. Plants are usually set out when about five inches high. It is well to cut off the lower half of the roots before transplanting.

GOLDEN YELLOW SELF-BLANCHING—This is the standard celery for early use. It is in condition as early in the fall as any and we have yet to find a strain better in quality and appearance than our stock of Golden Yellow Self-Blanching. It is excellent for the home garden. The plants are of medium size, compact and stocky, with yellow-green foliage. As they mature the inner stems and leaves turn beautifully golden yellow so that blanching is effected at a minimum expenditure of time and labor. Its handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor have established it as a superior fine early sort.

EASY BLANCHING—A recent introduction of merit. It is a vigorous grower, of medium dwarf height, stalks thick, quality excellent. A most desirable variety for the amateur, as it blanches easily and is one of the best keepers. Second early, can be grown for winter and spring use.

WHITE PLUME—A handsome, very early variety. The leaves are light, bright green at base, shading nearly white at tips. As the plants mature the inner stems and leaves turn white, and should be earthed up a short time before they are in condition for use.



SNOWBALL CAULIFLOWER

CELERY

GIANT PASCAL—This is a green leaved variety developed from the Golden Yellow Self-Blanching and we recommend it as being of the very best quality for fall and early winter use for the home garden and market. It blanches to a beautiful yellowish white color, is very solid and crisp, and of a fine nutty flavor. The stalks are of medium height, very thick, the upper portion nearly round, but broadening and flattening toward the base.

COLUMBIA—An early maturing sort of most excellent shape and quality for the home market and private garden. It is extensively grown for shipment. The plant is of medium height but very stocky and heavy. The stalks are thick, almost round, resembling in shape those of Giant Pascal.

GOLDEN PLUME OR WONDERFUL—A very fine new celery, a week earlier, blanches more easily, and more resistant to blight than Golden Self-Blanching. While it grows to a large size, it still has that rich, nutty flavor.



GOLDEN SELF-BLANCHING

CELERY

	Pkt.	½ Oz.	Oz.	Lb.
Golden Yellow Self-Blanching.....	\$0.10	\$0.25	\$0.45	\$4.00
Easy Blanching.....	.10	.25	.45	4.00
White Plume.....	.10	.15	.30	2.75
Giant Pascal.....	.10	.15	.25	2.50
Columbia.....	.10	.25	.35	2.50
Golden Plume.....	.10	.35	.70	6.00



GOLDEN BANTAM

CELERIAC — Turnip rooted. Pkt., 10c; Oz., 30c.

CHERVIL — Curled. Pkt., 10c; Oz., 20c.

CHICKORY — Large rooted. Pkt., 10c; Oz., 20c.

Witloof. Pkt., 10c; Oz., 20c.

CHIVES — Pkt., 10c; Oz., 75c.

COLLARD — Georgia. Pkt., 10c; Oz., 15c.

CORN SALAD—Fetticus. Pkt., 10c; Oz., 15c.

CORN

SWEET OR TABLE VARIETIES

1 Lb. for 200 Hills

12 Lbs. per Acre

GOLDEN SUNSHINE—An earlier Golden Bantam. Sunshine is ready for market one week before Golden Bantam. Ears same size as Bantam, but 12-rowed instead of 8. Good color, high quality grain.

GOLDEN BANTAM—This is an early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are eight-rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is exceedingly rich and delicious. Our stock of this splendid home garden and market variety has been very carefully selected and is decidedly superior to much that is offered.

WHIPPLE'S EARLY WHITE—This sweet corn has all of the good qualities of Stowell's Evergreen, but will mature from two to three weeks earlier. Very tender and sweet.

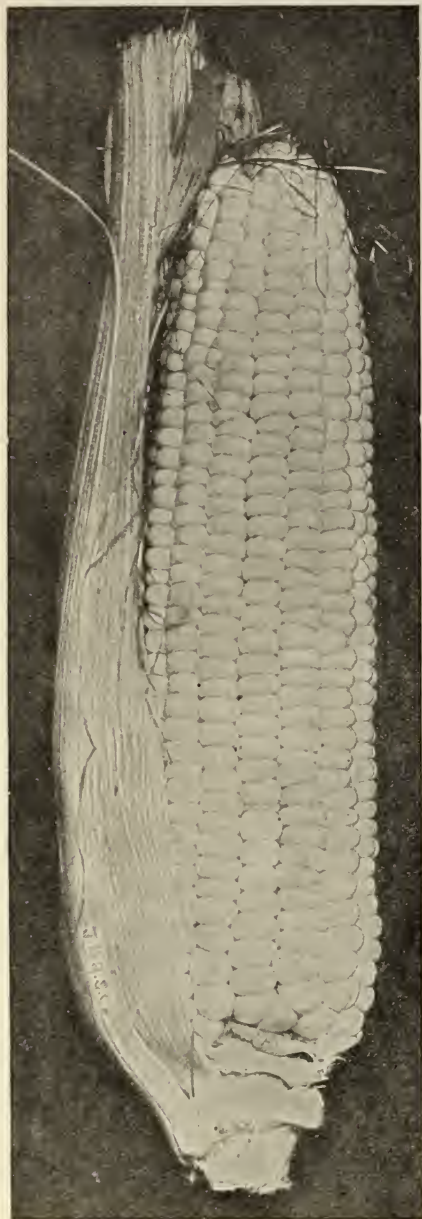
WHIPPLE'S EARLY YELLOW—A new yellow corn with ears seven to eight inches long, 14-rowed, with broad, deep kernels of fine quality. Matures with Golden Bantam.

CHARLEVOIX—A very early large yellow sweet corn, maturing a few days later than Golden Bantam but remaining in condition much longer. Ears about 7 inches long, usually twelve-rowed; grain rather short, sweet and tender.

MAMMOTH WHITE CORY—We consider this one of the best extra early varieties for the market and home garden. The ears are very large for so early a variety. The stalks are about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety.

BLACK MEXICAN—This corn, when young, cooks remarkably white, but the ripe grain is bluish black. For home use we consider it the best second early sort where tenderness and sweetness are the qualities most desired.

CORN



EARLY EVERGREEN

PLANT THIS VARIETY FOR MAIN
CROP EARLY WHITE SWEET
CORN.

GOLDEN GIANT—A cross between Golden Bantam and Howling Mob, which matures about a week later than Golden Bantam. The ears are from six to seven inches long.

EARLY EVERGREEN—This excellent sort has proven its merit as the best evergreen strain that is distinctly earlier than Stowell's. The strain we offer has to a remarkable degree all the qualities that have made Stowell's Evergreen the leading main crop sweet corn for so long a time. The ears of Early Evergreen are about seven and one-half inches long with fourteen to twenty more or less irregular rows of very deep, white grain of the very best quality.

EARLY MINNESOTA—This deservedly popular variety is one of the best second early sorts for the market and the home garden. The stalks are about six feet high, bearing one or two ears well covered with husks. The ears are about eight inches long, eight-rowed; kernels very broad, white, sweet and tender.

BANTAM EVERGREEN—A cross between Golden Bantam and Stowell's Evergreen, retaining the fine quality of the Bantam and the large ear and tender skin of the Evergreen.

COUNTRY GENTLEMAN—This variety has a small white cob, densely covered with irregular rows of very long, slender white grains of excellent quality. The ears are seven to nine inches long. It is well adapted for canning as well as the home garden and market, and many consider it as the best of the late varieties.

STOWELL'S EVERGREEN—The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. The ears are about seven to eight inches long, fourteen to twenty rowed, with very white grain.

HICKOX IMPROVED—The whitest of all sweet corn and of high quality; an extremely long ear, 12 to 14-rowed. A valuable canning sort.

PRICES OF CORN

Early

	Pkt.	1 Lb.	2 Lb.	10 Lb.	100 Lb.
Golden Sunshine.....	\$0.10	\$0.25	\$0.45	\$1.90	\$17.00
Burbank Golden Bantam .....	.10	.25	.45	1.80	16.00
Golden Bantam .....	.10	.25	.45	1.70	15.00
Whipple's White .....	.10	.25	.45	1.70	15.00
Whipple's Yellow.....	.10	.25	.45	1.70	15.00
Charlevoix .....	.10	.25	.45	1.70	15.00
Mam. White Cory.....	.10	.25	.45	1.70	15.00

Mid-Season

Black Mexican.....	.10	.25	.45	1.80	16.00
Golden Giant.....	.10	.25	.45	1.80	16.00
Early Evergreen .....	.10	.25	.45	1.80	16.00
Early Minnesota.....	.10	.25	.45	1.75	15.50

Late

Bantam Evergreen .....	.10	.25	.45	1.80	16.00
Country Gentleman .....	.10	.25	.45	1.80	16.00
Stowell's Evergreen .....	.10	.25	.45	1.70	15.00
Improved Hickox.....	.10	.25	.45	1.70	15.00

CUCUMBER

1 Oz. for 50 Hills, 2 Lbs. per Acre

Plant the seed not over an inch deep in hills four to six feet apart each way, dropping fifteen to twenty seeds in a hill. After the plants begin to crowd and danger from the striped beetle is pretty well over, thin to three plants to the hill. Give frequent but shallow cultivation until the plants make runners so long that this is impracticable.

EARLY CLUSTER—An early and very productive variety. The vines are hardy and very vigorous, bearing fruit in clusters of two or three. The fruits are short, thick, bright green, shading lighter at blossom end, crisp and tender. This sort is planted in many sections for the home garden. It is extensively used for a pickling cucumber as well as for slicing.

EARLY FRAME, or SHORT GREEN—Vigorous and productive; medium in size and earliness; good for pickling and slicing; fruit light green and is inclined to be three-cornered rather than round.

CHICAGO PICKLING—The fruits of this very desirable sort are of medium length, tapering at each end, with very large and prominent spines. The color is deep green. This is a very prolific variety and one of the best for those who want crisp, coarsely spined pickles.

BOSTON PICKLING—This is a very productive variety that is extensively grown for pickles. The vines are vigorous. The fruits are bright green, of medium size, very smooth and symmetrical. The flesh is crisp and tender. Our seed is decidedly superior to much that is offered.

JERSEY PICKLING—This variety is between the Long and the Short Green, forming a long, slender, cylindrical deep green pickle which is very crisp and tender. The vines are very vigorous and productive. The mature fruits are usually about eight to nine inches in length. This sort is desirable for slicing as well as for pickling.

EARLY WHITE SPINE—One of the best sorts for table use. The vines are vigorous, fruiting early and abundantly. The fruits are uniformly straight, dark green, fairly well covered with white spines and when mature are usually about seven inches in length. The flesh is crisp, tender and of excellent quality.

WHITE SPINE, ARLINGTON IMPROVED—One of the earliest and most productive, true to type and uniform, of the White Spine family; fruit about 7 inches long.

EARLY FORTUNE—An excellent shipping variety, producing very attractive fruits of rich dark green color. The fruits average uniformly about nine inches long, cylindrical or slightly tapered at end. The seed cavity is small and the flesh thick, crisp and tender. Plants vigorous growing and productive.

DAVIS PERFECT—Fruits very deep green in color, rather long, averaging ten inches or more in length, white spined, quite slender, symmetrical, tapering slightly at both ends. Flesh is crisp, tender and of good quality. The seed cavity is small.



IMPROVED WHITE SPINE



NEW YORK IMPROVED PURPLE

IMPROVED LONG GREEN—The stock we offer under this name is in a class by itself. The vines are very vigorous and productive. The fruits are very long, often twelve to fifteen inches when mature. They are uniformly slender; beautiful dark green color.

JAPANESE CLIMBING—A distinct climbing sort for covering fences or trellises; fruit ten inches long, thick, crisp and fine quality; color dark green.

SMALL GHERKIN (For Pickles)—This is a very small, oval, prickly fruited sort quite distinct from all others and grown exclusively for pickles.

LONGFELLOW (New)—A long, slender, dark green variety equally desirable for greenhouses or out door culture. 12 to 14 inches long by 2½ inches in diameter.

	Pkt.	Oz.	4 Oz.	½ Lb.	Lb.
Early Cluster.....	\$0.10	\$0.15	\$0.35	\$0.60	\$1.10
Early Frame or Short					
Green.....	.10	.15	.35	.60	1.10
Chicago Pickling.....	.10	.15	.35	.60	1.10
Boston Pickling.....	.10	.15	.35	.60	1.10
Jersey Pickling.....	.10	.15	.35	.60	1.10
Early White Spine.....	.10	.15	.35	.60	1.10
White Spine, Arlington					
Improved.....	.10	.15	.35	.60	1.10
Early Fortune.....	.10	.15	.35	.60	1.10
Davis Perfect.....	.10	.15	.35	.60	1.10
Improved Long Green.....	.10	.15	.40	.75	1.40
Japanese Climbing.....	.10	.15	.45	.80	1.50
Small Gherkin.....	.10	.15	.45	.80	1.50
Longfellow.....	.10	.20	.60	1.10	2.00

CRESS

	Pkt.	Oz.	4 Ozs.
Curled or Pepper Grass.....	\$0.10	\$0.15	\$0.30
True Water.....	.10	.40	1.25

DANDELION

IMPROVED THICK LEAVED—Unsurpassed in thickness of leaf and deep green color. A decided improvement on the wild dandelion. It is very early and vigorous.

	Pkt.	Oz.
Improved Thick Leaved.....	\$0.10	\$0.60

EGG PLANT

1 Oz., 1,500 Plants

Culture—The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or April, and when about an inch high, potted in 2-inch pots. Plant out about June 1, 2½ feet apart.

NEW YORK IMPROVED PURPLE (Spineless)—The favorite market variety. Plant large, spreading and spineless, producing four to six large oval fruits of dark purple color.

BLACK BEAUTY—Earlier and nearly as large as New York Purple.

	Pkt.	¼ Oz.	Oz.	4 Ozs.
New York Improved Purple.....	\$0.10	\$0.15	\$0.45	\$1.25
Black Beauty.....	.10	.15	.45	1.25

ENDIVE

1 Oz., 100 Feet

One of the best salads for fall and winter use. Endive is not only much used for salads and garnishing, but is also desirable for greens and for flavoring soups and stews.

LARGE GREEN CURLED—A hardy, vigorous growing endive with bright deep green leaves.

BROAD LEAVED BATAVIAN (Escarolle)—A variety having broad, more or less twisted and waved bright deep green leaves with thick, nearly white mid-ribs. The inner leaves form a fairly solid, clustering head, which blanches to a beautiful deep creamy white and is crisp and tender.

EARLY WHITE CURLED—The plants are moderately dense, with divided leaves which are very light yellowish green, even the outer ones being very light. This variety blanches readily to an attractive creamy white.

	Pkt.	Oz.	4 Ozs.	Lb.
Long Green Curled.....	\$0.10	\$0.15	\$0.40	\$1.20
Broad Leaved Batavian (Escarolle).....	.10	.15	.40	1.20
Early White Curled.....	.10	.15	.40	1.20

FENNELL

FLORENCE—A bulb-like vegetable which is formed above the ground at the base of the leaf stalk if the plant is well grown. Price—Pkt., 10c; Oz., 25c.

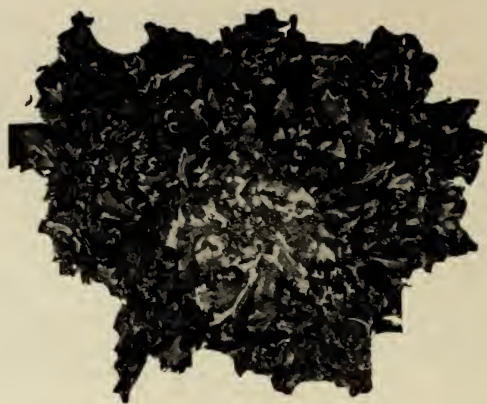
KALE or BORECOLE

	Pkt.	Oz.	4 Oz.
Tall Green Scotch.....	\$0.10	\$0.15	\$0.30
Dwarf Curled Scotch.....	.10	.15	.30
Siberian.....	.10	.15	.30

KOHL RABI

The edible part is the turnip-shaped bulb formed above ground. It is tender and excellent when used before fully grown, combining somewhat the flavors of cabbage and turnip.

	Pkt.	Oz.	4 Oz.
Early White Vienna.....	\$0.10	\$0.20	\$0.60
Early Purple Vienna.....	.10	.20	.60



EARLY GREEN CURLED ENDIVE

LEEK

This belongs to the onion family and is a good fall and winter substitute for green onions.

LARGE AMERICAN FLAG

Price—Pkt., 10c; Oz., 20c; 4 Oz., 70c

LETTUCE

1 Oz. Produces 200 Feet

Lettuce, to be at its best, should be grown rapidly, hence the soil should be made as rich and friable as possible by liberal manuring and thorough preparation.

Varieties marked A are particularly adapted for culture under glass and for early spring use. Those marked B are especially desirable for outdoor or summer culture.

CABBAGE OR HEADING VARIETIES

MAY KING—A. (Seed white.) This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature.

EARLY TENNIS BALL—A. (Seed black.) One of the best heading lettuces, especially desirable for early planting outdoors and also suitable for forcing. The plants are large, with thick, bright green leaves, forming very solid heads.

SALAMANDER—B. (Seed black.) The variety withstands hot weather remarkably well. It forms a large, compact, light green plant. The leaves are broad, thick, somewhat crumpled and closely overlapping, so that the inner ones are very finely blanched.

UNRIVALLED SUMMER—B. (Seed white.) A large, light, bright green heading lettuce, similar in habit of plant to Big Boston but a trifle earlier, maturing as an outdoor summer variety and having no red or bronze shading on the leaves. Heads are large, firm and of excellent quality.

BIG BOSTON—B. (Seed white.) This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous.

CALIFORNIA CREAM BUTTER—B. (Seed brown.) A very reliable heading sort, with glossy, deep green leaves, the outer ones slightly spotted or splashed with brown. The inner leaves form a large, very solid head, rich light yellow in color, very thick, tender and buttery.

LETTUCE

HANSON IMPROVED (W. S.)—One of the most reliable, sure-heading sorts; heads globular, large and late; leaves large and very broad, fairly blistered and crumpled, borders finely frilled; color clear light green; quality good. A fine variety for mid-summer planting outside, as it withstands the hot season better than most sorts and is a slow seeder.

NEW YORK NO. 12 or WONDERFUL—The largest head lettuce, often weighing two pounds each. It is a slow grower, stands hot weather well, and forms a head of very excellent quality. Does well in the East.

ICEBERG (W. S.)—A large, late, crisp, cabbage-heading variety; heads very firm and hard and well blanched; leaves unusually broad and somewhat blistered and crumpled; borders finely frilled; color, light green with faint brown tracing on the border; quality good.

LOOSE LEAF VARIETIES

GRAND RAPIDS—A. (Seed black.) As a lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list, being of quick growth, hardy, little liable to rot and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges. The leaves do not wilt quickly after cutting, so that the variety will stand shipping long distances better than most sorts.

SIMPSON'S EARLY CURLED—B. (Seed white.) A very extensively used early loose leaved or clustering variety. The leaves are light green in color, slightly frilled and much blistered, crisp, sweet and tender. The sort is especially adapted for sowing thickly and cutting when the plants are young.

LETTUCE SPECIAL FOR 1932

METCALF'S WHITE BIG BOSTON

A wonderful head lettuce, similar to Big Boston, but much lighter green in color and without any brown tinge. A very valuable early sort for growing on muck.

Price per pound, \$1.80.

In lots of 5 pounds, \$1.70 per lb.



KOHL RABI



BIG BOSTON LETTUCE

ONONDAGA LETTUCE (W. S.)—A crisp and tender loose-leaved sort and one of the most popular; leaves much crumpled and excessively frilled at the borders; color, bright green and brown; quality good.

EARLY PRIZEHEAD (W. S.)—An old standard variety that is very fine for the home garden. The leaves are very tender, green in color, tinged with brownish red.

BLACK SEEDED SIMPSON—B. One of the best for sowing outdoors where an exceedingly tender leaf is desired and for those markets which demand a very large, loose clustering sort.

SILESIA EARLY CURLED (W. S.)—Early, crisp and loose heading; leaves rather short and broad, much crumpled and frilled on the borders; color very light green.

COS LETTUCE (Romaine)—This kind of lettuce is distinguished by its long, narrow, spoon-shaped leaves, folding into loose, sugar-loaf shaped heads which blanch better by having the outer leaves drawn about them and tied.

LETTUCE, HEAD

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
May King.....	\$0.10	\$0.15	\$0.45	\$0.75	\$1.35
Early Tennis Ball.....	.10	.15	.45	.75	1.35
Salamander.....	.10	.15	.45	.75	1.35
Unrivalled Summer.....	.10	.15	.45	.75	1.35
Big Boston.....	.10	.15	.45	.80	1.40
California Cream Butter.....	.10	.15	.50	.80	1.50
Hanson Improved.....	.10	.15	.50	.80	1.50
Iceberg.....	.10	.15	.50	.80	1.50
New York No. 12 or Wonderful.....	.10	.20	.65	1.20	2.25
White Big Boston.....	.10	.20	.60	1.10	1.80

LETTUCE, LOOSE LEAF

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Grand Rapids.....	\$0.10	\$0.15	\$0.45	\$0.75	\$1.35
Simpson's Early Curled.....	.10	.15	.45	.75	1.35
Early Prizehead.....	.10	.15	.45	.75	1.35
Onondaga Lettuce.....	.10	.15	.45	.75	1.35
Black Seeded Simpson.....	.10	.15	.45	.75	1.35
Silesia Early Curled.....	.10	.15	.45	.75	1.35
Cos Lettuce (Romaine).....	.10	.15	.50	.80	1.50

MUSK MELON

1 Oz. Will Plant 100 Hills; 2½ Lbs., One Acre

After danger of frost is past, plant in rich soil, preferably sandy loam, in hills about four to six feet apart according to the vigor of the variety. Put ten or twelve seeds in a hill, covering with about an inch of fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants to a hill. Give frequent but shallow cultivation, until the plants make runners so long that this is impracticable.

The quality of all varieties of Musk Melon is largely dependent upon conditions of growth and ripening.

SALMON-FLESHED

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Hale's Best.....	\$0.10	\$0.15	\$0.40	\$0.75	\$1.25
Emerald Gem.....	.10	.15	.35	.65	1.15
Extra Early Osage.....	.10	.15	.40	.75	1.25
Bender's Surprise.....	.10	.20	.50	.90	1.50
Miller's Cream.....	.10	.15	.35	.65	1.25
Hoodoo.....	.10	.15	.35	.65	1.25
Montreal Green Nutmeg.....	.10	.15	.35	.65	1.25
Metcalf's Delicious.....	.10	.20	.50	.90	1.50

GREEN-FLESHED

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Extra Early Hacken- sack.....	\$0.10	\$0.15	\$0.40	\$0.70	\$1.25
Jenny Lind.....	.10	.15	.35	.60	1.00
Netted Gem, or Rocky Ford.....	.10	.15	.40	.70	1.25
Honeydew.....	.10	.15	.40	.70	1.25
Eden Gem.....	.10	.15	.35	.65	1.25
Extra Early Knight.....	.10	.15	.40	.75	1.25

GREEN FLESHED VARIETIES

JENNY LIND—An extra early, green-fleshed melon; fruit round and flattened at the ends, deeply ribbed and heavily netted.

EXTRA EARLY HACKENSACK—This early green-fleshed variety is popular in many sections as a market melon and is also extensively used as a home garden sort. The fruits are medium to large sized, nearly round or somewhat flattened, evenly and deeply ribbed and with very coarse netting. The skin is green, slightly tinged with yellow as the fruits mature. The flesh is green, a little coarse but juicy and sweet.

NETTED GEM OR ROCKY FORD—This has become one of the most popular of small or crate melons. It is also a desirable medium early sort for the home and market garden. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely covered with fine netting. The flesh is green, very sweet and highly flavored.

HONEYDEW—This melon requires a longer and warmer season than other melons. Fruits with smooth white rind. Flesh green and thick. Has sweet flavor something like honey. Gather them as soon as they slip from the vines, store in a cool place two or three days, as they are best when apparently a trifle over-ripe.

WATERMELON

	Pkt.	Oz.	4 Ozs.	Lb.
Harris' Earliest.....	\$0.10	\$0.15	\$0.30	\$0.90
Cole's Early.....	.10	.15	.25	.75
Peerless or Ice Cream.....	.10	.15	.30	.80
Kleckley's Sweet.....	.10	.15	.30	.75
Tom Watson.....	.10	.15	.30	.80
Citron, Red Seeded.....	.10	.15	.25	.75
Citron, Green Seeded.....	.10	.15	.25	.75



BENDER MELON

EDEN GEM (Gold-lined Rocky Ford)—A round type of Rocky Ford; entirely covered with fine netting and without ribs; flesh green and quality excellent.

EXTRA EARLY KNIGHT—The earliest high quality melon and especially adapted for growing in the far North. A medium-sized variety of the Acme type, with oblong fruit distinctly ribbed and well covered with a close gray netting; skin deep green.

SALMON FLESHED VARIETIES

HALE'S BEST—Here is an early, medium sized melon that came to us from California. Heavily netted, flesh rich orange color, firm and of high flavor. A wonderful shipper and fine for home garden.

EMERALD GEM—A very early, yellow fleshed melon of small to medium size. One of the very best for the home garden. The vines are vigorous and productive. The fruits are globular or slightly flattened. Skin deep green while young, becoming slightly tinged with yellow. Flesh is deep salmon-yellow, thick, ripening close to the rind, juicy melting, highly flavored.

EXTRA EARLY OSAGE—This excellent variety is fully a week earlier than Osage; fruits a little smaller, more nearly round. The thick salmon flesh and small seed cavity makes this melon deserving of a place in the home and market garden.

BENDER'S SURPRISE—Fine variety. Fruits round, deeply ribbed, finely netted; salmon fleshed, delicious flavor.

HOODOO—Sometimes sold as Ordway Queen. Orange fleshed, medium size. Vines vigorous, blight-resisting, very productive. The fruits are nearly round and are medium size. The netting is exceptionally fine and dense.

OSAGE or MILLER'S CREAM—An excellent main crop, medium to large, salmon fleshed melon. Flesh rich, orange-salmon, fine grained, highly flavored.

MONTREAL GREEN NUTMEG (Montreal Market)—Very large, often weighing 18 to 20 pounds; fruit round, flattened at both ends, light green.

METCALF'S DELICIOUS—An early, large, heavily netted melon. Flesh a deep salmon, rich, sweet, juicy. Excellent for the market gardener.

OKRA or GUMBO

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Extra Early Dwarf Green Prolific	\$0.10	\$0.15	\$0.25	\$0.40	\$0.65
White Velvet .....	.10	.15	.25	.40	.65
Dwarf White .....	.10	.15	.25	.40	.65

1 Oz. for 100 Feet; 5 Lbs. for Acre

**ONION**

In onion culture, thorough preparation of the ground, careful sowing and the best of after culture, though essential for a full yield, will avail nothing unless seed of the best quality be used.

As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized and leveled in rows twelve to fifteen inches apart, covering one-half inch deep. When the plants are well up, cultivate and keep free from weeds. The young plants may be thinned about one inch apart in the row. When grown for bunching, the rows can be made as close as ten inches.

EBENEZER, or JAPANESE—A very fine round yellow onion, good keeper and of mild, pleasant flavor. This is one of the best varieties to use in raising onion sets.

SOUTHPORT YELLOW GLOBE—This very hardy and exceedingly productive late or main crop variety is of the same general character as the Southport Red Globe, but the bulbs are rich yellow, average a little larger and are later maturing. The bulbs are globe-shaped with rather full shoulder, ripen down very evenly, keep well and are suitable for shipping. The flesh is creamy white, fine grained and of mild and excellent flavor.

OHIO YELLOW GLOBE—An early Globe onion, small neck and very uniform in size and color. We have an excellent stock of this standard variety.

YELLOW GLOBE DANVERS—One of the most extensively used main crop yellow onions for the home garden and market. The bulbs are of medium to large size, uniformly globe-shaped, with small neck, and ripen very evenly. The skin is rich coppery yellow. The flesh is creamy white, crisp and of mild and excellent flavor.

PRIZETAKER—A very handsome late or main crop onion of the largest size and nearly globular in form, usually with a shoulder and base slightly sloping. The skin is yellowish brown or light yellow, with slight tinge of brown. The flesh is creamy white, very mild, tender and of excellent flavor.

EXTRA EARLY RED—Sometimes called Extra Early Flat Red. The bulbs are firm and keep remarkably well for so early a variety. It is very hardy, medium-sized, flat variety that yields well and is very uniform in shape and size. The skin is uniformly rich purplish red and moderately strong flavored.

LARGE RED WETHERSFIELD—This is the standard red variety and a favorite onion in the East, where immense crops are grown for shipment. It is very extensively grown for home garden use as well as the market. The bulbs are large and are flattened yet quite thick. The skin is deep purplish red. The flesh is light purplish white, moderately fine grained, rather strong but of pleasant flavor. The variety is very productive, one of the best keepers and is very popular for general cultivation.

SOUTHPORT RED GLOBE—This most excellent medium early or main crop red variety produces bulbs of medium to large size, ideally globe-shaped, with very smooth, glossy surface, very small neck and remarkably beautiful deep purplish red color. The flesh is white, tinged with light purple, mild, very fine grained and tender. The variety is extensively grown for home use as well as the market.

SOUTHPORT WHITE GLOBE—A most desirable medium early or main crop variety for the home garden. The variety yields abundantly, producing medium to large handsome and finely shaped clear white bulbs. The flesh is firm, fine grained, quite mild in flavor, and is more attractive than the colored sorts when cooked. The bulbs are globe-shaped, full at the shoulder, rounded at the base, keep well and are desirable for shipping.

WHITE PORTUGAL or AMERICAN SILVER-SKIN—This is a medium-sized onion of mild flavor and with a beautiful, clear white skin. The variety is a favorite with many for use when young as a salad or bunching onion, and for pickles. It usually matures about ten days earlier than White Globe and is fine for fall and early winter use. The bulbs are nearly round when of bunching size, somewhat flattened when mature.

ONIONS

	Pkt.	Oz.	4 Ozs.	1 Lb.	5 Lbs.	10 Lbs.
Ebenezer	\$0.10	\$0.25	\$0.65	\$2.10	\$2.00	\$1.90
Sth. Yellow Globe .....	.10	.20	.60	1.70	1.65	1.60
Ohio Yellow Globe .....	.10	.20	.60	1.70	1.65	1.60
Yl. Globe Danvers .....	.10	.20	.60	1.70	1.65	1.60
Prizetaker .....	.10	.20	.60	1.70	1.65	1.60
Ex. Early Red .....	.10	.25	.75	2.25	2.15	2.10
Lg. Red Wethersfield .....	.10	.20	.60	1.75	1.70	1.65
Sth. Red Globe .....	.10	.20	.60	1.75	1.70	1.65
Sth. White Globe .....	.10	.25	.75	2.50	2.40	2.25
White Portugal .....	.10	.25	.75	2.25	2.15	2.10

ONION SETS

RED BOTTOM SETS—Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Price on application.

YELLOW BOTTOM SETS—Like the preceding except in color and used in the same manner. Price on application.

WHITE BOTTOM SETS—These do not keep as well as the red or yellow, but produce beautiful white onions early in the season. Price on application. Write for price when ready to buy.

PARSLEY

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Champion Moss Curled.....	\$0.10	\$0.15	\$0.30	\$0.55	\$0.90
Fine Double Curled.....	.10	.15	.30	.55	.90
Large Rooted Hamburg.....	.10	.15	.30	.60	1.00
Plain Leaf.....	.10	.15	.30	.55	.90

PARSNIP

1 Oz. for 150 Feet

HOLLOW CROWN or GUERNSEY—An excellent variety for the table. The roots are long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Price—Pkt., 10c; Oz., 15c; 4 Ozs., 30c; ½ Lb., 50c; Lb., 85c.

PEAS

1 to 2 Lbs. to 100 Feet; 2 to 3 Bu. per Acre

We make it our particular business to secure the best strains of the standard varieties of Peas. For years we have purchased our supply from the same grower, and are able to offer any improvements that may be made from time to time. Our list includes the newest and highest types in pea culture.

EARLIEST OF ALL or ALASKA—We have a stock of this smooth blue pea of unequaled evenness in growth of vine and early maturity of pods which are filled with medium-sized, bright green peas of good flavor. The vines are of medium height, about two and one-half to three feet, and of distinctive light color. The pods are of good size, about two and one-half to two and three-fourths inches long. Seed small, smooth, and bluish green in color. This sort matures all of its crops at once and is an invaluable variety for market gardeners and canners.

AMEER (Large Podded Alaska)—Early, large, smooth, blue pea; large, broad, dark green pods. Hardy, standing early planting and popular with market gardeners.

GRADUS—A very early wrinkled pea. The vines are similar in appearance to Telephone, but of medium height, only about three to three and one-half feet. The pods are very large, about four and one-fourth inches long, very nearly as large as those of Telephone, uniformly well shaped, pointed, handsome and more attractive than those of the first earlies. The peas are very large, of splendid quality, and beautiful light green color, which they retain after cooking.

WORLD'S RECORD—This is an improved type of Gradus, but a little earlier and has a vine not quite so tall. Quality fine and very productive.

NOTT'S EXCELSIOR—The best very early dwarf pea. The pods are medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium-sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden.



DARK POD
TELEPHONE
PEAS

SUTTON'S EXCELSIOR IMPROVED—Is a very fine first early dwarf pea, regarded by some as the best of the wrinkled sorts. It is very hardy; can be planted early; vines are 18 inches high, very prolific; pods are almost square at lower end, larger and broader than the usual dwarf pea, and dark green color.

LAXTONIAN—This handsome wrinkled pea is the largest podded of the dwarf varieties. The dark green pods are similar to Gradus in shape and splendid quality, are nearly as large in size and often mature a little earlier. Vines vigorous and productive, averaging fifteen to eighteen inches high; foliage dark green; pods are about four inches in length. Seed light green, large, wrinkled, flattened, irregular in shape.

PLANT ENOUGH PEAS TO CAN

To be at their best, home canned peas should be canned within a few hours after being picked.

PEAS

LAXTON'S PROGRESS—The earliest large podded dwarf pea. Resembles Laxtonian, but is 4 to 5 days earlier. Pods 4 inches long, deep green in color, containing 8 large, dark green peas.

LITTLE MARVEL—An excellent dwarf sort for the market and home garden. The vines are sturdy, nearly eighteen inches high, heavily set with straight, deep green pods, square ended at the bottom and nearly three inches in length. Seed large, green, wrinkled.

PREMIUM GEM (Improved Little Gem)—A desirable early green wrinkled dwarf variety. The vines are very productive, fifteen to eighteen inches high. The pods are of medium size, about two and three-fourths inches long, crowded with six to eight large peas of fine quality. Seed green, large, wrinkled, often flattened.

PETER PAN—One of the very finest of the large podded dwarf peas, on the order of Laxtonian, though somewhat earlier. Height, 15 inches. Vine and foliage stout, heavy and dark green, pods 4 inches long, very broad, straight and pointed, containing 6 to 8 very large, dark green peas of superb quality.

BLUE BANTAM—A splendid large-podded dwarf variety of the Laxtonian class. Height, 15 inches. Vine and foliage stout and healthy, medium dark green; pointed pods deep green, 4 inches long, broad and straight, containing 6 to 8 deep green peas of excellent quality.

HUNDREDFOLD—Decidedly the best of the Laxtonian types; vine 16 inches high, sturdy, dark green and productive; pods dark green, 4 inches long, fairly broad and pointed, containing 8 large, dark green peas; excellent quality.

THOMAS LAXTON—This is a very early wrinkled variety of great merit. The vines are vigorous, of medium height, about three feet, similar to those of Gradus, but darker in color, hardier and more productive. The pods are large, often four inches long, with square ends similar to but larger and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. One of the very best sorts for the market and home garden.

AMERICAN WONDER—One of the earliest wrinkled sorts and one of the most popular. Height, one foot.

PIONEER—An improved type Laxtonian. Similar to Peter Pan, though the pods are not quite as broad and uniform. Height, 16 inches. Foliage, pods and peas dark green; pods $3\frac{3}{4}$ inches long, pointed and well filled.

SECOND EARLY VARIETIES

BLISS' EVERBEARING—The vines are stout, of medium height, about two and one-half to three feet, bearing at the top six to ten good-sized pods, about two and one-half to three inches long. If these are picked as they mature and the season and soil are

SECOND EARLY VARIETIES

favorable, the plant will throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender, of superior flavor and preferred by many to any other sort.

THE ADMIRAL—The vines of this exceptionally hardy, second early variety, are tall and vigorous, about four feet high. The pods are usually borne in pairs, are curved, bright green, about two and three-quarters inches long and are crowded with six to nine peas of good quality and deep green color. Seed wrinkled, of small medium size, clear colored.

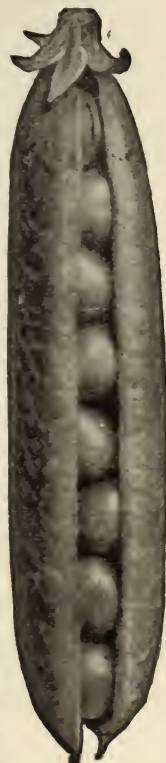
TELEPHONE—This has become the leading pea with market gardeners whose trade appreciate fine appearance and high quality. The vines are tall and vigorous, growing about four feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often four and one-half to five inches long, attractive bright green filled with very large peas, which are tender, sweet and of excellent flavor.

DUKE OF ALBANY—A very large wrinkled pea, similar to Telephone in growth and season, but darker in color of foliage and pods. The vines are tall, about four and one-half to five feet high, vigorous and strong growing. The pods are of largest size, often four and one-half to five inches long, straight and thick, borne in great profusion, and when in condition for picking, of a deep green color.

YORKSHIRE HERO—The vines are stout, of medium height, about two or two and one-half feet, bearing near the top a number of rather broad pods of medium size, about three inches long, filled with large peas that remain a long time in condition for use and which never become as hard as most sorts. Seed large, wrinkled and flattened.

ALDERMAN—This is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about four and one-half to five feet high, dark green, vigorous and exceedingly productive. The pods are of largest size, often five to five and one-half inches long, dark green, similar to but a little larger and a shade darker in color than those of Duke of Albany and about the same in season. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark-colored sorts, which retain their fine appearance even after these requirements and we recommend it unreservedly.

GREEN ADMIRAL—Identical with The Admiral except in color of seed, which is a rich deep green. An exceptionally desirable variety for canners.



THOMAS
LAXTON

PEAS

LATER VARIETIES

HORSFORD'S MARKET GARDEN—A very productive main crop sort, much used by canners. Height 3 feet. Vine and foliage moderately strong and dark green; pods medium green, 3 inches long, almost blunt-ended and always well filled with 6 to 7 light green peas. Pods borne in pairs.

DWARF CHAMPION—A fine main crop pea. Height 2½ feet. Foliage stout; pods medium dark green, 4 inches long, straight, broad and square-ended, containing 7 to 8 large, medium dark green peas of fine quality.

CHAMPION OF ENGLAND—One of the richest, best flavored late peas. Height 5 feet.

STRATAGEM, IMPROVED—A well known old favorite sort. Height 2 feet. Vine stout, dark green. Pods 4½ inches long, slightly curved, pointed, dark green, contain 8 to 9 medium green peas.

PRINCE EDWARD—One of the best of the large, dark podded, Telephone types, and one of the most productive. Height 4 feet. Vine and foliage stout and heavy, medium green; pods dark green, 4¾ inches long, broad and pointed, containing 8 to 9 very large medium green peas.

PRINCE OF WALES—Heavy cropper; peas very large, of fine quality. Popular with canners wanting a large, productive pea. Height 3 feet. Vine and foliage moderately stout and heavy and dark green; pods medium green, 3½ inches long, straight and square-ended, containing 6 large, light green peas.

LARGE WHITE MARROWFAT—The vines of this tall variety are about five feet high and of strong growth. Seed large, smooth, round and light creamy yellow. Desirable for summer.

LARGE BLACK EYE MARROWFAT—A well known tall, late maturing variety, about five feet high. Seed large, smooth, round, light creamy yellow, with black eye. One of the best.

PEAS

SMOOTH SEEDED

	Pkt.	1 Lb.	2 Lbs.	10 Lbs.	100 Lbs.
Earliest of All or Alaska	\$0.10	\$0.30	\$0.50	\$1.70	\$15.00
Ameer	.10	.30	.50	1.70	15.00

EARLY

	Pkt.	1 Lb.	2 Lbs.	10 Lbs.	100 Lbs.
Gradus	\$0.10	\$0.30	\$0.50	\$1.80	\$16.00
World's Record	.10	.30	.50	1.80	16.00
American Wonder	.10	.30	.50	1.80	16.00
Nott's Excelsior	.10	.30	.50	1.80	16.00
Sutton's Excelsior	.10	.30	.50	1.80	16.00
Laxtonian	.10	.30	.55	1.90	17.00
Laxton's Progress	.10	.30	.55	1.90	17.00
Little Marvel	.10	.30	.50	1.80	16.00
Premium Gem	.10	.30	.50	1.70	15.00
Peter Pan	.10	.30	.55	1.70	17.00
Blue Bantam	.10	.30	.55	1.90	17.00
Hundredfold	.10	.30	.55	1.90	17.00
Thomas Laxton	.10	.30	.50	1.80	16.00

LATE

	Pkt.	1 Lb.	2 Lbs.	10 Lbs.	100 Lbs.
Bliss Everbearing	\$0.10	\$0.30	\$0.50	\$1.80	\$16.00
The Admiral	.10	.30	.50	1.80	16.00
Telephone	.10	.30	.50	1.70	15.00
Duke of Albany	.10	.30	.50	1.70	15.00
Yorkshire Hero	.10	.30	.50	1.70	15.00
Alderman	.10	.30	.50	1.70	15.00
Horsford's Market	.10	.30	.50	1.70	15.00
Dwarf Champion	.10	.30	.50	1.80	16.00
Champion of England	.10	.30	.50	1.70	15.00
Stratagem	.10	.30	.50	1.80	16.00
Prince Edward	.10	.30	.50	1.70	15.00
Prince of Wales	.10	.30	.50	1.70	15.00
White Eye Marrowfat	.10	.30	.50	1.70	15.00
Blackeye Marrowfat	.10	.30	.50	1.70	15.00

Peas by Bushel Same Rate as per 100 Lbs.

PEPPER

HOT VARIETIES

LONG RED CAYENNE—A well known medium early variety, having a slender, twisted and pointed pod about four inches long. The color is deep green when fruit is young; bright red when ripe. The flesh is extremely strong and pungent.

RED CHILI—Of low growth, forming a spreading plant about 18 inches high; fruit usually erect, about one and a half inches long, cone-shaped, bright red and very hot; exceedingly prolific; used for pepper sauce.



BELL OR BULL NOSE

SWEET VARIETIES

SWEET UPRIGHT—A very early sweet, mild pepper; produced upright, about 4 inches long by 3½ inches across; color glossy green, bright scarlet when ripe.

LITTLE MARVEL

One of the very best dwarf early peas. Pods are dark green, filled with 6 or 7 sweet, tender peas, of excellent flavor. We recommend Little Marvel as one of the best for an early crop.



SWEET PEPPER

LARGE BELL or BULL NOSE—Sometimes called Sweet Mountain. Vigorous, about two feet high, compact, very productive, ripening their crop uniformly and early. Fruits large, with thick, mild flesh; excellent quality for use as salads or stuffed peppers. Deep green when fruit is young; bright crimson when ripe.

RUBY KING—An improved American variety, very large and attractive. The plants are about two and one-half feet high, vigorous, compact and productive. The fruits are often 4 to 4½ inches long and of deep green color when young, bright red when ripe.

CHINESE GIANT—One of the very largest of the mild red varieties. Plant of short, stocky growth, with light green foliage; fruits pendent, thick, blocky and square ended; 4 to 5 inches in diameter and of equal length; color, brilliant glossy scarlet.

PIMENTO—The fruits of this very productive sort are exceptionally smooth and glossy, of good size, medium length and attractive color. Flesh very thick and solid, mild and of very fine flavor. Desirable for salads and stuffed peppers; also the sort used largely by canners. Plants vigorous and upright, about two to two and one-half feet high, with short, broad, dark green leaves. Deep green when young, becoming deep red as they mature.

GIANT CRIMSON—The fruits of this desirable sort are of the largest size, ripen earlier than other very large sorts and average heavier, as the flesh is exceptionally thick. Plants vigorous and upright, about 2½ to 3 feet high, larger than those of Chinese Giant and more productive. Deep green when fruit is young, deep crimson when matured. Flavor is mild.

NEAPOLITAN—The earliest and most productive large variety and one of the sweetest and most mild. Fruit of upright growth, four inches long and two inches thick; bright red.

SWEET MOUNTAIN, or MAMMOTH—Similar to Bull Nose, but more elongated; pendent fruits often grow six inches long by four inches in diameter; bright red, mild and sweet.

CALIFORNIA WONDER—This is truly a wonderful pepper. Fruits average 4 inches across, resembling Chinese Giant, but with flesh much thicker.



SCARLET TURNIP WHITE TIP

PUMPKIN

PIE—Fruits medium size, nearly round. Skin light yellow, smooth and is covered with a fine gray netting. Flesh light yellow, sweet, finely flavored. Make delicious pies.

JAPANESE PIE—A large crookneck sort. Flesh yellow and of very fine quality. Good keeper.

SUGAR, or NEW ENGLAND—This variety is small, but of most excellent quality for pies. The fruits are deep orange, eight to ten inches in diameter, round or somewhat flattened and slightly ribbed. The flesh is rich deep yellow, fine grained and very sweet.

CONNECTICUT FIELD—Generally used for planting in corn for stock feeding, and also for making pies, fruit rather oblong, flattened at the ends; smooth, hard, reddish-orange, distinctly ribbed skin with rich, orange-yellow flesh.

WINTER LUXURY—Excellent quality pie pumpkin, round, smooth, medium size, flesh light yellow, and very sweet flavor.

PEPPERS	Pkt.	½ Oz.	Oz.	4 Ozs.
Sweet Mountain.....	\$0.10	\$0.25	\$0.35	\$1.00
Long Red Cayenne.....	.10	.25	.35	1.00
Large Bell, or Bull Nose.....	.10	.25	.35	.90
Ruby King.....	.10	.25	.35	.90
Chinese Giant.....	.10	.30	.40	1.35
Pimento.....	.10	.20	.30	.85
Giant Crimson.....	.10	.30	.40	1.30
Neapolitan.....	.10	.25	.35	.90
Red Chili.....	.10	.25	.35	1.00
Sweet Upright.....	.10	.25	.35	1.00
California Wonder.....	.10	.35	.50	1.60



SUGAR PIE

PUMPKINS

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Pie	\$0.10	\$0.15	\$0.30	\$0.55	\$0.90
Japanese Pie.....	.10	.15	.35	.65	1.25
Sugar, or New Eng- land Pie.....	.10	.15	.30	.55	.90
Connecticut Field.....	.10	.15	.25	.40	.70
Large Cheese.....	.10	.15	.25	.40	.75
Winter Luxury.....	.10	.15	.30	.55	1.00

THE KITCHEN GARDEN COLLECTION

1 pkg. Beans, Pencil Pod	1 pkg. Lettuce, Grand Rapids
1 pkg. Beans, Kentucky Wonder	1 pkg. Parsley, Moss Curled
1 pkg. Beets, Detroit	1 pkg. Peas, Little Marvel
1 pkg. Carrot, Chantenay	1 pkg. Peas, Laxtonian
1 pkg. Cucumber, Fortune	1 pkg. Radish, Scarlet Globe
1 pkg. Cabbage, Golden Acre	1 pkg. Turnip, White Globe

12 Splendid Varieties—\$1.20 value for 90c

RADISH

1 Oz. for 100 Feet

For open ground culture sow in rich, sandy soil as soon in the spring as it is fit to work, in drills twelve to eighteen inches apart, and thin out the plants to prevent crowding. A good dressing of nitrate of soda will greatly stimulate growth and insure tender, brittle roots.

EXTRA EARLY SCARLET TURNIP, FORCING—A round, bright red variety for forcing and greenhouse use.

EARLY SCARLET TURNIP, WHITE TIPPED—One of the best early radishes for the home garden and a great favorite in large markets for early planting outdoors. The roots are nearly round, slightly flattened on the under side. The color is very bright, deep rose-carmine scarlet with a distinctly white tip. The flesh is white and of the best quality.

FRENCH BREAKFAST—A quick growing, small, olive-shaped radish about one and one-half inches long when fully grown. The color is beautiful deep rose-scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden.

WHITE STRASBURG—Roots are about five inches long, thick at the shoulder and abruptly tapering; skin and flesh pure white, and remain firm and brittle longer than most varieties.

EARLY SCARLET TURNIP, FRENCH GROWN—An early, round, bright red variety for forcing also, but seed is French grown and has a very small top.

EARLY SCARLET TURNIP—A round, red turnip-shaped radish with small tops of very quick growth, deserving general cultivation on account of its rich, scarlet-red color, almost crimson, and its white, crisp and tender flesh. The roots often grow one inch long by one one-eighth inches in diameter before becoming pithy. This is a standard variety for early outdoor planting for the home garden and market.

VICK'S SCARLET GLOBE—We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size globe-shape and with a small top; always crisp and tender.

EARLY WHITE GIANT SUMMER—The roots are large, often four inches in diameter, white and are usually top shaded. The flesh is white and crisp, and keeps remarkably well, so that those not used in the summer or fall can be stored for early winter use.

LONG BRIGHTEST SCARLET (Long Cardinal)—One of the best colored, most handsome as well as the earliest of the long scarlet radishes; crisp and tender until full grown; roots not quite so long as Long Scarlet, and of a bright, vivid scarlet color, tipped white; a good forcing sort with a small top.

RICE'S SAXA—The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top.

LONG WHITE LADY FINGER (White Vienna)—An early maturing, long white summer radish; roots white, slender and smooth, are 6 to 7 inches long, tapering slightly at the top. This variety grows more above ground than Icicle and consequently is more or less tinged with green at the top of the root.

ICICLE—The leading long white radish and one of the earliest; roots are somewhat shorter, broader at the top and square-shouldered than Lady Finger, also matures a little earlier; about 6 inches long and white throughout.



ICICLE RADISH

WINTER VARIETIES

Seed for winter varieties should be sown about the first of August, in rich, warm sandy loam, in rows about twenty inches apart, covering half an inch deep.

CALIFORNIA MAMMOTH WHITE CHINA—The roots of this very large white winter sort grow nine to twelve inches long by three to four inches or more in diameter just below the shoulder, tapering regularly to the tip. The flesh is very crisp and solid, decidedly pungent but well flavored, keeping well through the winter. This variety matures later than Celestial and the roots are not as mild, but they attain a larger size under favorable conditions. For table use they are pulled before fully grown.

LONG BLACK SPANISH—One of the latest and hardest long garden radishes, especially adapted for winter use. The roots are long, thick, almost black, somewhat wrinkled. The flesh is white, of firm texture, decidedly pungent but well flavored. The roots when mature are usually seven to nine inches long by two to three inches in diameter at thickest part.

CELESTIAL—This excellent variety is sold also as Chinese White Winter. The roots are long, cylindrical, with beautiful white skin and flesh, the whitest and usually the least pungent of the winter varieties. When fully mature the roots are six to nine inches long by about two and one-half to three and one-half inches in diameter. Flesh is compact and crisp.

SCARLET CHINA—This is an extensively grown variety for fall and winter use. It is known also as Chinese Rose. The roots are stump-rooted or blunt at both ends. The skin is smooth and of a bright deep rose color. The flesh is white, firm, crisp and pungent. The tops are moderately large, with leaves distinctly cut and divided; leaf-stems tinged with rose. The roots are usually four to five inches long by about one and one-half to two inches in diameter when fully mature, sometimes growing considerably thicker. It is a desirable late maturing garden sort.

WHITE GIANT STUTTGART—The roots are large, top-shaped and frequently four inches in diameter; of a clear white color, a fine summer or fall radish.

RADISH

ROUND BLACK SPANISH—The roots are round, sometimes slightly top-shaped, three or four inches in diameter. The skin is almost black. The flesh is white, very compact, decidedly pungent, but well flavored. The variety keeps well through the winter.

RADISH

EARLY LONG

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Long Brightest Scarlet (Long Cardinal).....	\$0.10	\$0.15	\$0.30	\$0.45	\$0.75
Long White Lady Finger (White Vienna).....	.10	.15	.30	.45	.75
Icicle .....	.10	.15	.30	.45	.75

EARLY ROUND

Extra Early Scarlet Turnip, Forcing.....	.10	.15	.30	.50	.80
Early Scarlet Turnip, White Tipped.....	.10	.15	.30	.45	.75
French Breakfast.....	.10	.15	.30	.45	.75
Vick's Scarlet Globe..	.10	.15	.30	.45	.75

SUMMER

White Strasburg.....	.10	.15	.30	.45	.75
Early White Giant.....	.10	.15	.30	.45	.75

WINTER

Giant White Stuttgart	.10	.15	.30	.50	.80
California Mammoth White China.....	.10	.15	.30	.45	.80
Long Black Spanish....	.10	.15	.30	.45	.80
Celestial .....	.10	.15	.30	.45	.80
Scarlet China.....	.10	.15	.30	.45	.80
Round Black Spanish	.10	.15	.30	.45	.80



SAVOY SPINACH

SPINACH

1 Oz. for 100 Feet

RHUBARB

MYATT'S LINNEUS GIANT — An early and very fine variety; leaves and stalks of immense size. Juicy and tender; grows quickly, producing fine succulent stalks. Price—Pkt., 10c; Oz., 20c; 4 Oz., 50c.

ROQUETTE

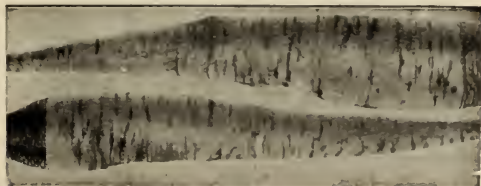
A hardy annual, the leaves of which are long, smooth and glossy, and when young are used like mustard for salads. The young leaves will be ready for cutting in about six weeks from time of planting. Price—Pkt., 10c; Oz., 20c; 4 Ozs., 50c.

Salsify or Vegetable Oyster

MAMMOTH SANDWICH ISLAND — This variety is large and strong growing, with long, smooth, white tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is invaluable for market gardeners' use. Price—Pkt., 10c; Oz., 20c; 4 Ozs., 60c; ½ Lb., \$1.10; Lb., \$2.00.

SORRELL

LARGE LEAVED FRENCH—The best garden variety, having large, pale green leaves of fine quality. Price—Pkt., 10c; Oz., 15c; 4 Ozs., 45c; ½ Lb., 75c; Lb., \$1.35.



SALSIFY

No plant makes more palatable and nutritious greens than spinach when properly prepared.

KING OF DENMARK—This variety has proven to be one of the best, being ready for use with the medium early sorts, but remaining in good condition from one to two weeks longer. Give it a trial; you will be pleased.

BLOOMSDALE SAVOY—This sort is known also as Bloomsdale and as Norfolk Savoy Leaved. It is a very early variety and one of the best to plant in autumn for early spring use. It is hardy and grows rapidly to a suitable size for use, but runs to seed quickly in warm weather.

BLOOMSDALE LONG STANDING — Leaves more heavily crumpled and darker green than Bloomsdale, and will stand longer before bolting to seed.

LARGE VIROFLAY — Plant of upright growth, leaves are very large, broad, thick and narrow-shaped, much crumpled and dark green in color. Desirable for canning because of its clean, upright leaves.

EARLY GIANT THICK LEAVED—A strong growing early market variety with large, thick leaves of fine, deep green color. The leaves are usually rounded or broad arrow-shaped and the surface is fairly smooth or slightly crumpled. Seed round.

NEW ZEALAND SPINACH—The tender shoots are of excellent quality and may be cut throughout the summer. One plant will spread over two feet. The leaves are quite small, broad and pointed. Plant three to four seeds in hills, three feet apart each way. Soak in lukewarm water for a day before planting.

SPINACH

VICTORIA — An excellent variety, forming very large, exceedingly thick, very dark green leaves slightly crumpled in the center. The season is intermediate. The leaves are usually blunt or rounded at end but sometimes broad, arrow-shaped.

SPINACH

	Pkt.	4 Ozs.	Lb.
King of Denmark.....	\$0.10	\$0.15	\$0.40
Bloomsdale Savoy.....	.10	.15	.40
Bloomsdale Long Standing.....	.10	.15	.40
Large Viroflay.....	.10	.15	.40
Early Giant Thick Leaved.....	.10	.15	.40
Victoria.....	.10	.15	.40
New Zealand Spinach.....	.10	.20	.60

SQUASH

1 Oz. for 25 Hills

The squash is one of the most nutritious and valuable of garden vegetables.

SUMMER VARIETIES

GIANT SUMMER CROOKNECK—The well known standard sort, early and very productive. It matures the bulk of its crop a little earlier than the Mammoth Summer Crookneck. The fruits when fully grown are about one foot long, with uniformly crooked neck and surface densely warted. The color is bright yellow. The shell is very hard when the fruit is ripe.

STRAIGHTNECK, GIANT SUMMER — Similar to Crookneck but has a straight rather than a crooked neck; easily packed for shipment. Deep orange in color and excellent quality.

EARLY WHITE BUSH SCALLOP—This is the well known, very early, somewhat flattened scalloped bush squash of medium size. The color is creamy white with comparatively smooth surface. The vines are vigorous and very productive. This variety is also known as Patty Pan or Cymling.

EARLY YELLOW BUSH SCALLOP—A flattened, scalloped bush squash of largest size. The skin is deep orange. The flesh is pale yellow and of very good flavor. This sort is extensively used for the home garden and market where a very large yellow scalloped squash is wanted.

FORDHOOK — A small, oblong variety, excellent for summer or winter; fruits 8 to 10 inches long, slightly ridged; skin smooth, thin and yellow; flesh very thick, straw colored, extremely dry and sweet.

ITALIAN VEGETABLE MARROW (Cocozella di Napoli)—The vines are of bush habit and produce large, much elongated fruits, dark green at first, but as they mature becoming marbled with yellow and lighter green in stripes.

AUTUMN AND WINTER VARIETIES

DELICIOUS—This is a fall and winter variety of medium size. Although not very thick the shell is rather hard and strong. Usually dark green but sometimes lighter in color and mottled. The flesh is thick, very fine grained and bright yellow in color. It is considered by many to be the best for markets where quality is appreciated as well as very desirable for the home garden.

BOSTON MARROW — Productive fall and winter variety of medium to large size, oval shape, and thin skin. Used for canning and making pies. When ripe are bright orange with a shading of light cream color. The flesh is of rich salmon-yellow color, fine grained and of excellent flavor.



WARTED HUBBARD

GOLDEN HUBBARD — Fruits of medium size, weighing from six to eight pounds and in shape are like the Hubbard, although in condition for use decidedly earlier. They are long keepers and can be held over in good condition for spring use. The shell is moderately warted, hard, strong and of a beautiful orange-red color, except for a bit of olive-green on the blossom end. The flesh is deep orange, dry, fine-grained and richly flavored. A very superior table variety.



VICK'S SCARLET GLOBE

See page 28

SQUASH

WARTED HUBBARD—One of the best of the winter squashes. The vines are vigorous and very productive. The fruits are large, heavy and moderately warted, with a very hard shell. The skin is uniformly dark bronze green. The flesh is bright orange-yellow, fine grained, thick, dry and richly flavored. This squash can be kept in good condition until spring. Our stock of this standard home garden and market variety is carefully selected in regard to quality of the flesh and color of the shell and is much superior to that sold as Chicago Warted or Warty Hubbard.

BLUE HUBBARD—A new type of squash, similar in form and habit of growth to the original Hubbard, but differing in having a hard, blue-gray shell.

TABLE QUEEN—An early small sized squash, about six by four inches, may be picked when skin is dark green or left on the vine to ripen into a bright orange. Flesh sweet and dry.



EARLIANA

TOMATO

1 Oz. Will Produce 1,500 Plants

Tomatoes do best on light, warm, not over-rich soil and success depends largely upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbed or in shallow boxes in the house from six to eight weeks before they can be set out of doors, which is when danger from frost is past.

EARLIANA—Our strain of this early sort is earlier and decidedly superior to much that is sold as Sparks' Earliana, and the extreme earliness of its large smooth fruits makes it a very profitable tomato for market gardeners, as well as desirable for the home garden. The vines are small but vigorous and productive. The fruits are bright deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. The fruits are borne in clusters near the base of the plant and the bulk of the crop ripens very early.

JOHN BAER—An extra early scarlet fruited variety of superior merit. The vines are very hardy and exceptionally productive. The fruits are the largest of the extra early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen its first fruits and it continues to furnish marketable fruits much longer than other early varieties.

BONNY BEST—The fruits of this desirable early sort are most attractive in shape and color. The crop ripens more uniformly than any other early scarlet fruited sort, and is of superior solidity and interior color. The vines are vigorous, and produce a good crop of exceptionally round and deep fruits, bright deep scarlet in color and of very good quality. One of the best for gardeners whose trade demands fruits of beautiful shape and color.

WAYAHEAD—A very early, solid, red tomato with potato foliage; fruit ripens with Earliana and is about the same size.

CHALK'S EARLY JEWEL—One of the very best early tomatoes yet introduced. The vines are vigorous and very productive. The fruits are bright deep scarlet-red, nearly round or somewhat flattened, smooth, of large size and most excellent quality. They ripen early and the pickings continue through a long season. One of the very best second early scarlet fruited sorts and on account of its large size, excellent quality and productiveness, one of the most satisfactory sorts for the home garden.

SQUASH—SUMMER

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Giant Summer Crookneck	\$0.10	\$0.15	\$0.40	\$0.65	\$1.25
Giant Summer Straightneck .....	.10	.20	.45	.80	1.40
Early White Bush Scallop .....	.10	.15	.40	.65	1.25
Early Yellow Bush Scallop .....	.10	.15	.40	.65	1.25
Fordhook .....	.10	.15	.40	.65	1.25
Italian Vegetable Marrow (Cocozella di Napoli) .....	.10	.15	.40	.70	1.30

SQUASH—WINTER

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Delicious .....	.10	.15	.40	.70	1.30
Boston Marrow .....	.10	.15	.40	.65	1.25
Golden Hubbard .....	.10	.15	.40	.65	1.25
Warted Hubbard .....	.10	.15	.40	.65	1.25
Blue Hubbard .....	.10	.15	.40	.65	1.25
Table Queen .....	.10	.15	.40	.65	1.25

The same High Quality Seed is put into our Garden Size Packages as we sell the Florist and Market Gardener whose living depends upon the quality of the seed he sows.

TOBACCO

The seed should be sown as early as possible after danger of frost is over. It is customary to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed; then dig and pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly.

BIG HAVANA—A hybrid Havana or Cuban seed leaf. It is a heavy cropper and a very early cigar variety.

WHITE BURLEY—A favorite for plug fillers and wrappers.

CONNECTICUT SEED LEAF—A hardy cigar variety, well adapted to growing in the middle and northern states.

HAVANA—The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers.

	Pkt.	½ Oz.	Oz.
Big Havana	\$0.15	\$0.25	\$0.40
White Burley .....	.15	.25	.40
Connecticut Seed Leaf .....	.10	.20	.40
Havana .....	.15	.25	.40

TOMATO

BREAK O' DAY—A very early disease-resistant, globe shaped, scarlet tomato. Fruits similar to those of Marglobe, but much earlier. Brought out by the U. S. Department of Agriculture.

GOLDEN QUEEN—The fruits are large and smooth, of bright golden yellow color, sometimes with a slight blush of red. They are as smooth and well shaped as the best of the red varieties and are of superior flavor.

MARGLOBE—This fine, new tomato is proving to be one of the very best. Its fine appearance, great productiveness, deep globe shape, fine scarlet color and superb table qualities, give it first place. Try Marglobe this year.

CANADIAN—A cross between Bonny Best and Earliana introduced by Ontario Agricultural College. Fruit is solid, having few seeds, early, productive and very hardy.

STONE—One of the largest and most solid main crop of late bright red varieties. It is unsurpassed for slicing and canning. The vines are large, vigorous and very productive. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. Our stock is distinctly superior to most of that offered under this name, being larger, smoother, more uniform and better colored.

MATCHLESS—A main crop variety, very popular in the East. The fruits are very large, smooth and symmetrical, ripening well to stem. The flesh is rich, bright red in color and of fine quality.

PONDEROSA—A purplish pink main crop tomato of the largest size. The vines are vigorous and very productive. The fruits are very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. It is very desirable for slicing.

DWARF STONE—The vines are dwarf but vigorous and productive. Although an intermediate or rather late maturing variety, the fruits are of good color, being an attractive bright red, exceedingly smooth and very solid. It is a desirable sort for the home garden. We consider this the best of the large fruited dwarf tomatoes.



BONNY BEST

TOMATO

DWARF CHAMPION—This is sometimes sold as the "Tree Tomato." It is a second early or main crop, purplish pink variety, especially desirable where garden space is limited. The vines are about two feet high, vigorous, upright and compact. The fruits are medium sized, exceptionally smooth and of very good quality. Our stock is a very superior strain with more even, smoother fruit than the original.

TURNIP

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Extra Early White Milan.....	\$0.10	\$0.15	\$0.25	\$0.50	\$0.75
Early Purple Top, Strap-Leaved .....	.10	.15	.20	.35	.55
White Egg .....	.10	.15	.25	.45	.60
Pomeranian White Globe.....	.10	.15	.25	.45	.60
Purple Top White Globe.....	.10	.15	.20	.35	.55
Purple Top Yellow Aberdeen ..	.10	.15	.25	.45	.60
Yellow Stone.....	.10	.15	.25	.45	.60
Early Snowball.....	.10	.15	.25	.45	.60



PURPLE TOP WHITE GLOBE

TOMATOES—EARLY

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Break o' Day.....	\$0.10	\$0.40	\$1.50	\$2.60	\$5.00
Earliana .....	.10	.30	.90	1.55	3.00
John Baer.....	.10	.30	.90	1.55	3.00
Bonny Best.....	.10	.30	.90	1.55	3.00
Wayahead .....	.10	.40	1.50	2.60	5.00
Chalk's Early Jewel.....	.10	.30	.80	1.55	3.00
Golden Queen.....	.10	.40	1.25	2.55	4.50
Marglobe.....	.10	.40	1.25	2.55	4.50
Canadian .....	.10	.40	1.25	2.55	4.50

MAIN CROP

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
Stone .....	.10	.30	.90	1.55	3.00
Matchless .....	.10	.30	.90	1.55	3.00
Ponderosa .....	.10	.40	1.60	2.80	5.50
Dwarf Stone.....	.10	.30	1.00	1.75	3.50
Dwarf Champion.....	.10	.30	1.00	2.00	3.75

RUTA BAGA

	Pkt.	Oz.	4 Ozs.	½ Lb.	Lb.
American Purple Top, or Improved Long Island.....	\$0.10	\$0.15	\$0.25	\$0.40	\$0.65
White Swede, or Russian.....	.10	.15	.25	.40	.65
Yellow Swede.....	.10	.15	.25	.40	.65
Budlong's White Rock.....	.10	.15	.25	.40	.65

METCALF'S HYBRID TEA ROSES

The Most Popular Class of Roses

THESE WONDERFUL ROSES are specially selected for color and hardiness. These roses have already bloomed in the nursery row and are strong, healthy specimens.

Guaranteed True to Name and Color

COLUMBIA—Glowing pink flowers which last a long time.

DOUBLE WHITE KILLARNEY—Snow-white, slender buds and blooms.

DUCHESS OF WELLINGTON—Saffron-yellow buds of great size.

GENERAL MacARTHUR—Bright red, with velvety shadings.

GRUSS AN TEPLITZ—Scarlet and black.

JONKHEER J. L. MOCK—Glowing pink of two contrasting shades.

KAISERIN AUGUSTE VIKTORIA—Lemon-white; very double.

LADY HILLINGDON—Apricot-yellow.

LOS ANGELES—Flame-pink, toned coral.

MME. BUTTERFLY—Pale pink and gold.

OPHELIA—Almost white, shaded pink and gold.

RED RADIANCE—Light red. Equal to Radiance.

SOUVENIR DE CLAUDIUS PERNET—Pure yellow.

SUNBURST—Orange and cream; delightful.

WHITE KILLARNEY—Snow-white.

MRS. AARON WARD—Deep golden orange.

PRICE: 65c Each

SPECIAL PRICE

Any 6 of above.....	\$3.30	Any 12 of above.....	\$6.20
Postpaid			

CLIMBING ROSES

EASIEST OF ALL ROSES TO GROW

AMERICAN PILLAR—Enormous clusters of single, vivid pink flowers on a very vigorous climbing plant.

CLIMBING AMERICAN BEAUTY—Large, well-formed flowers of purplish crimson.

CRIMSON RAMBLER—Small, vivid red flowers in gigantic clusters. Very popular.

DOROTHY PERKINS—Small, crinkled flowers of soft shell-pink, in immense bunches.

DR. W. VAN FLEET—Large flowers of the most delicate shade of shell-pink.

MARY WALLACE—Large, cupped, shining pink flowers with yellow centers.

PAUL'S SCARLET CLIMBER—Well-formed flowers of bright scarlet, freely produced.

EMILY GRAY—Most beautiful yellow climber, gold buds which do not fade when open.

PRICE: 55c each—Postpaid
Any 4 Climbers for \$2.00

HYBRID PERPETUAL ROSES

Excelling in size, hardiness, fragrance and freedom of flowers. Varieties listed below give extra large blooms and will thrive anywhere with ordinary care. There's no class of Roses like the Perpetuals for Fall Blooming.

AMERICAN BEAUTY—Brilliant pink to red.

SOLIEL d'OR—Large orange and gold-red flowers.

FRAU KARL DRUSCHKI—Immense, white Rose.

GEN. JACQUEMINOT—Bright crimson.

GEO. AHREND'S—Delicate pink.

MAGNA CHARTA—Beautiful rosy pink.

MRS. JOHN LAING—Clear shining pink.

PERSIAN YELLOW—Golden yellow.

PAUL NEYRON—Rich, ruddy pink.

ULRICH BRUNNER—Exquisite cherry-red.

SPECIAL PRICE

Any 6 of the above for.....	\$3.30
Any 12 of the above for.....	\$6.20
65c each—Postpaid	

FLOWER SEEDS

ACROLINIUM

DOUBLE MIXED — 2 feet. A pretty Everlasting, bearing graceful, daisy-like flowers, pretty bright rose with yellow center, which when cut in the bud state, can be dried and used for winter bouquets. Price—Pkt., 10c.

ADONIS (Pheasant's Eye)

FLOS ADONIS—Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time. Large star-shaped yellow flowers. Price—Pkt., 10c.

AGERATUM

One of the best summer blooming plants grown from seed. They are rapid growers, early and constant blooming. During the hot, dry, summer months their bright flowers are produced in the greatest profusion. Set the dwarf sorts 10 inches apart and they soon make a mass of charming color.

IMPERIAL DWARF BLUE—6 inches. A dwarf variety of compact growth covered with feathery flowers. Price—Pkt., 10c.

MEXICAN ALBUM DWARF—White. Price—Pkt., 10c.

MIXED VARIETIES—Price—Pkt., 10c.

AGROSTEMMA (Coeli)

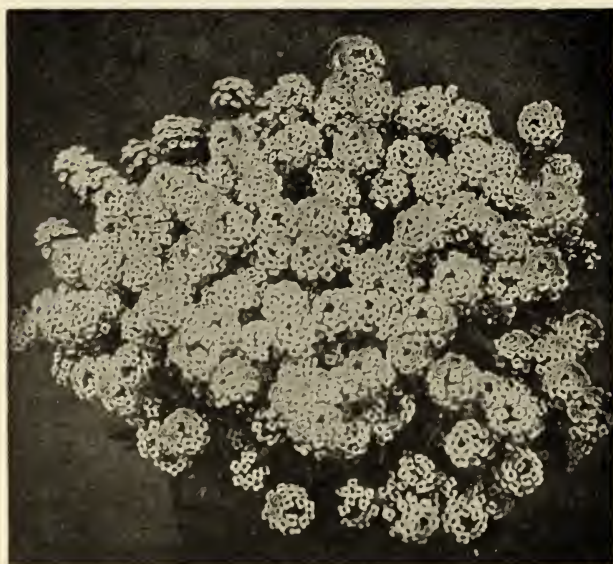
ROSE OF HEAVEN—Attractive free-flowering, producing bright pink flowers on long, slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 feet. June-September. Price—Pkt., 10c.

AMMOBIUM

ALATUM GRANDIFLORUM—2½ feet. This pretty white Everlasting should be in every garden. Grows well in sandy soil. Price—Pkt., 10c.

ALYSSUM

One of the finest annuals we have. Begins to bloom early and continues until late in the fall. It is of close, compact habit and produces a profusion of fragrant blossoms. Mix the seed with sand before sowing to prevent sowing too thickly.



ALYSSUM



AGERATUM

SWEET ALYSSUM—A low growing variety, splendid for edging, with pretty white honey-scented blossoms. Price—Pkt., 10c.

LITTLE GEM (Snow-white Carpet Plant)—The plants are only a few inches high, but grow very thick and are completely covered with snow-white blossoms. Price—Pkt., 10c.

CREAMY YELLOW—This is a new variety of the same growth as Little Gem, but has a mass of creamy-yellow blossoms. Price—Pkt., 10c.

AMARANTHUS

Brilliantly foliaged annuals, some of the varieties bearing curious racemes of flowers. Do not grow them too closely together, but give them sufficient room to develop their full beauty. When flowers in small pots under glass they are very charming.

TRICOLOR (Joseph's Coat)—2½ feet. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. Price—Pkt., 10c.

SUPERBUS COLEUS, LEAVED—Price—Pkt., 10c.

MIXED VARIETIES—Price—Pkt., 10c.

ANCHUSA

CAPENSIS (Summer Forget-Me-Not)—2 feet. A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers, similar in all respects to the Forget-Me-Not, though the blossoms are much smaller and of finer color. It blooms early and continues all summer. Price—Pkt., 10c.

ANCHUSA (Perennial)

Italica Dropmore Variety. One of our finest blue-flowering plants, growing 4 to 5 feet tall. Fine, large spikes of beautiful gentian-blue flowers. Price—Pkt., 10c.

Flower Seeds

AQUILEGIA (Columbine)

Very desirable, easily grown, old-fashioned perennials for borders, forming permanent clumps. Blooms profusely early in the season and remains in bloom for a considerable period. Price—Pkt., 10c.

ARCTOTIS GRANDIS (African Daisy)

A remarkably handsome annual from Southwest Africa. It forms much branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. It is easily grown from seed, and the plants may be expected to come into bloom early in June and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or more in water. Price—Pkt., 10c.

ARABIS (Rock Cress)

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings.

ALPINA—6 inches. Large masses of double pure white flowers. Price—Pkt., 10c.

ARISTOLOCHIA

SIPHO (Dutchman's Pipe)—30 feet. Very large, showy foliage. One of the best climbing plants grown. Flowers of various colors. Requires protection in winter. Price—Pkt., 10c.

ASTER

During the late summer and early fall the garden is usually a riot of reds and yellows, so the asters in their dainty and distinct colors as well as their many attractive forms are a pleasing addition. The long stems make them desirable for cut flowers and the blooms last long in water. It should be remembered, however, in regard to asters that good culture is essential in order to obtain an abundance of fine flowers.

SUNSHINE—Improved Anemone Flowered. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color. Wonderful for cut flowers, as they are borne on long stems. Price—Pkt., 10c.

QUEEN OF THE MARKET—The best early aster, usually in full bloom two weeks before most other sorts begin to blossom. Of graceful spreading habit. Choice of white, flesh, pink, crimson, scarlet, light blue, lavender, purple, dark blue. Price—Pkt., 10c.

ABOVE VARIETIES—MIXED—Price—Pkt., 10c.

GIANT COMET—This giant class is an improvement on the old and inferior Comet class, not only in bearing much larger flowers, but the petals are longer and broader. Price—Pkt., 10c.

ASTERS

The following varieties of Asters we consider to be one of the finest collections that we can offer.



ASTERS—GIANT CREGO

GIANT CREGO

The best of the fluffy types. Dark blue, purple, white, crimson.

HEART OF FRANCE

The finest red Aster we have ever known. Color rich, satiny garnet-red.

CALIFORNIA GIANTS

A new type similar to Crego. Large plants, with immense flowers. Price—Pkt., 10c ea. Above 6 for 50c.

GIANT BRANCHING—Beautiful for cut flowers. The branching habit is accompanied with great vigor of growth and profusion of bloom. Mixed. Price—Pkt., 10c.

GIANT CREGO—The flowers measure four to five inches in diameter, and are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. Mixed, all colors. Price—Pkt., 10c.

OSTRICH FEATHER—An improved type of Giant Comet, much larger, petals longer, more twisted, flowers produced in greater abundance on longer stems. Price—Pkt., 10c.

DOUBLE BALSAM

One and one-half to two feet. An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil and plenty of water. For perfect development the plants should be set from twelve to eighteen inches apart. Mixed. Price—Pkt., 10c. White. Price—Pkt., 10c.

Annual Flowers for Picking

Arctotis	Gypsophila	Pinks
Asters	Larkspur	Poppies
Browalia	Lavatera	Salpiglossis
Calendula	Lupins	Scabiosa
Calliopsis	Marigolds	Snapdragon
Carnation	Matricaria	Stocks
Centaurea	Mignonette	Sweet Peas
Cosmos	Nasturtium	Verbenas
Gaillardia	Pansy	Zinnias
Godetia	Phlox	

Flower Seeds



CANDYTUFT

BRACHYCOME (Swan River Daisy)

A free-flowering, dwarf-growing annual; covered during the greater part of the summer with a profusion of pretty blue or white flowers. Mixed. Price—Pkt., 10c.

BAPTISIA (False Indigo)

Two feet. Deep blue flowers in pretty racemes during June and July. Price—Pkt., 10c.

BELLIS PERENNIS (English Daisy)

Six to eight inches. A low growing spring flowering plant. Loves a shady place and will reward the gardener with a mass of blooms for succeeding years if left undisturbed. Price—Pkt., 10c.

BALLOON VINE (Love in a Puff)

A clean, free-growing vine reaching ten to fifteen feet, bearing delicate clusters of bloom and numbers of large, round, inflated seed bulbs resembling miniature balloons. Price—Pkt., 10c.

CALENDULA

One of the best and showiest free-flowering hardy annuals, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing in bloom until killed by frost.

VARIETY MIXTURE of yellow and orange. Price—Pkt., 10c; ½ Oz., 20c.

RADIO—A brand new Calendula having twisted and quilled petals. Price—Pkt., 20c; ½ Oz., 35c.

CALLIOPSIS (Tickseed)

Six inches to two feet. Very graceful border plants. Yellow, dark brown and mixed. Price—Pkt., 10c.

CANDYTUFT

These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edgings they are admirably adapted, while for cutting the flowers are greatly prized.

GIANT HYACINTH-FLOWERED WHITE — Price—Pkt., 10c.

DWARF HYBRIDS MIXED—Price—Pkt., 10c.

CANARY BIRD VINE

A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary yellow. Price—Pkt., 10c.

CELOSIA (Coxcomb)

PLUMOSA or PLUMED VARIETIES — 2½ to 3 feet. These stately plants are among the most ornamental, and should not be omitted in any garden. Mixed. Price—Pkt., 10c.

CENTAUREA CYANUS (Bachelor's Button)

It is not a pretentious plant but will always charm by its simple beauty. Reseeds itself and may be used for naturalizing. Mixed. Price—Pkt., 10c.

CHEIRANTHUS ALLIONII

A neat little border plant growing about 10 inches tall, producing a profusion of brilliant orange-colored flower spikes. Fine for cutting. Price—Pkt., 10c.

CHRYSANTHEMUM

These outdoor "summer Chrysanthemums" are showy and effective for bedding or borders in the garden and desirable for cut flowers. Plants become more bushy and shapely if pinched back in early growth and the practice of disbudding will result in much larger flowers. These annuals are not the winter flowering sorts sold by florists and which are propagated only by division of roots.

MIXED—Price—Pkt., 10c.

CLARKIA

Clarkias are popular summer annuals, all perfectly hardy, and can be grown with the utmost ease in ordinary soil. Price—Pkt., 10c.

CLEMATIS

Well known beautiful climbers, much admired for their gracefulness and attractive flowers. They are splendid for covering arbors, verandas, etc.

MIXED—Price—Pkt., 10c.



BALSAM

Flower Seeds

COBAEA

SCANDEN'S CATHEDRAL BELLS—30 feet. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edgewise. A very vigorous and prolific bloomer. Price—Pkt., 10c.

CONVOLVULUS (Morning Glory)

GIANT IMPERIAL JAPANESE—Tall varieties. A fine mixture of reds, pinks, blues, purples and white. Giant flowers, some with fringed edges. Handsome leaves also, showing many shades of green. Price—Pkt., 10c.

COREOPSIS (Perennial)

One of the very finest perennials; large, golden yellow flowers borne on long stems; splendid for cut flowers. Price—Pkt., 10c.

DWARF VARIETIES—Are very showy and beautiful hardy annuals for flower beds and borders, also rockwork; they bloom for a long period and delight in sun. Price—Pkt., 10c.

DAHLIA

But few people know Dahlias can be raised from seed and will bloom the first year. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist.

SINGLE GIANT PERFECTION MIXED — Price—Pkt., 10c.

DOUBLE MIXED—Price—Pkt., 10c.

EARLY FLOWERING MAMMOTH—These are the only kind we would recommend planting north of the latitude of Middle Illinois, as the late, or giant flowering varieties are nearly always caught by early frost. Mixed. Price—Pkt., 10c.

CYPRESS VINE

Ten feet. For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly



PHLOX



MORNING GLORY

adapted to ornamental work. White, scarlet, mixed. Price—Pkt., 10c.

IVY-LEAVED SCARLET—A rapid growing variety with deeply lobed, ivy-like leaves, and small scarlet flowers. Price—Pkt., 10c.

COSMOS

Four to six feet. This beautiful annual is one of the most showy and useful of our garden plants. Plants are very bushy and compact. Flowers borne on long, delicate stems and are similar to single Dahlias. Foliage very finely cut.

DATURA (Angel's Trumpet)

Three feet. Handsome plants for subtropical bedding in summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny, sheltered position. Make grand pot plants for the greenhouse.

DOUBLE FINE MIXED—Price—Pkt., 10c.

DELPHINIUM (Perennial)

Lovers of Delphinium will be well pleased with this strain. The spikes are extra large in size, many set with double flowers.

BELLADONNA (Light Blue)—A very pretty shade of light blue flowers thickly set on long spikes. Price—Pkt., 10c.

BELLAMOSUM (Dark Blue)—Flowers are a rich dark blue color, blooms on sturdy spikes. Price—Pkt., 10c.

SPECIAL MIXTURE — Mixed. Beautiful long spikes representing a variety of colors. Price—Pkt., 10c.

DIANTHUS (Garden Pinks)

A popular annual variety known to nearly all. The flowers are distinguished for their brilliant, contrasting variety of colors appearing in each flower. The stripes and spots make the clusters stand out distinctly.

LACINATUS MIXED — Single fringed flowers. Price—Pkt., 10c.

COLLECTION OF ANNUALS FOR CUT-FLOWERS

Aster, Mxd. Breh.	Gysophila,	Marigold,
Centaurea,	Elegans White	French Mixed
Cyanus, Blue	Larkspur,	Poppy,
Chrysanthemum,	Annual Mixed	Shirley Mixed
Annual	Nigella,	Calendula,
Cosmos,	Miss Jekyll	Orange
Giant Mixed	Lupin,	Zinnia,
	Annual Mixed	Giant Mixed

One Package Each of These 12
Splendid Varieties for 85c

Flower Seeds

DIANTHUS—Continued

CHINENSIS FL. PL. (China or India Pink)—Mixed colors. Price—Pkt., 10c.

HEDDEWIGI FL. PL. (Japan Pink)—Double mixed. Price—Pkt., 10c.

DOUBLE (Special Mixture of Double Pinks)—Selection of the best double pinks in cultivation. Flowers ranging in color through all the brightest and most brilliant shades. Price—Pkt., 10c.

DIGITALIS (Foxglove)

These produce spires of blossoms three to five feet high. Stately old garden favorites for garden, shrubby borders and naturalizing in suitable places. Price—Pkt., 10c.

EUPHORBIA

Strong growing annuals, for beds of all tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

MEXICAN FIRE PLANT—Annual poinsettia resembling in habit and color the beautiful hothouse poinsettia. About mid-summer the center top leaves of each branch turn a vivid orange-scarlet. Price—Pkt., 10c.

VARIEGATA (Snow on the Mountain or Mountain Spudge)—2 feet. Remarkably distinct plant; very showy with its foliage edged white and green. Price—Pkt., 10c.

ESCHSCHOLTZIA (California Poppy)

One foot. The State Flower of California. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers are produced from early spring until frost. Sow the seed where the plants are to remain.

ORANGE KING—Price—Pkt., 10c.

MIXED—Price—Pkt., 10c.



DAHLIAS



DIANTHUS (Garden Pink)

GAILLARDIA (Blanket Flower)

One and one-half feet. They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain.

DOUBLE MIXED—Price—Pkt., 10c.

GLOXINIA

METCALF'S MIXTURE—12 inches. Magnificent house-blooming plants, with handsome bell-shaped flowers in the diversity of the richest colors. Price—Pkt., 25c.

GODETIA

One and one-half feet. An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

TALL MIXED—Price—Pkt., 10c.

GOMPHRENA (Globe Amaranth)

Clover-shaped flowers. Cut when in full bloom and dried, they retain their colors. Two feet. Mixed. Price—Pkt., 10c.

GOURDS

Twenty feet. These are desirable in many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 feet in a season and the blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls. Price—Pkt., 10c.

GYPSOPHILA

Two feet. Graceful plants of light, gauze-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

ELEGANS GRANDIFLORA ALBA (Angel's Breath)—This is an improved, large-flowering sort, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Price—Pkt., 10c.

Flower Seeds

HELICHRYSUM (Strawflower)

Two or three feet. Helichrysums are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases, and for durable bouquets. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place.

COLORS—Rose queen, salmon queen, crimson, coppery red, fire ball and golden ball. Mixed. Price—Pkt., 10c.

HELIOTROPE

Two feet. Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Seed sown in the spring makes fine plants for bedding out, and are as easily grown as Verbenas. Fine Mixed—Price—Pkt., 10c.

HOLLYHOCK

One of the best hardy garden flowers. Makes a charming hedge or background. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy, but much can be done to prevent it and reduce the damage by spraying the plants with Bordeaux mixture. 6-8 feet. August to September.

DOUBLE MIXED—Price—Pkt., 10c.

SINGLE MIXED—Price—Pkt., 10c.

HYACINTH BEAN (Dolichos Lablab)

A fine climber with clusters of purple or white flowers followed by ornamental seed pods. Tender annual; from ten to fifteen feet high. Price—Pkt., 10c.

ICE PLANT

A curious plant for hanging baskets, rockwork, vases and edgings; leaves and stems succulent, appearing as though covered with ice crystals. Tender annual trailer; six inches high. Price—Pkt., 10c.



HOLLYHOCK

IPOMOEA

Beautiful annual outdoor climber of luxuriant growth for covering verandas and arbors, or for screening unsightly objects. Sow preferably in hot-bed and transplant to open border, or sow in open border after the ground becomes warm. Soak seed in lukewarm water before planting. Tender annual; ten to fifteen feet high. Price—Pkt., 10c.

JOB'S TEARS

(Coix Lachryma)

Curious ornamental grass with broad, corn-like leaves and lustrous slate-colored seeds, used for beads. Valuable for winter bouquets with everlasting flowers. Plant outdoors early in spring in hills three feet apart, four or five seeds in a hill, and cover half an inch deep. Hardy annual; three feet high. Price—Pkt., 10c.

KOCHIA TRICHOPHYLLA

(Summer Cypress)

A quick growing foliage or hedge, very symmetrical and attractive in summer and fall. The foliage is as fine as moss and of clean, bright green color. Price—Pkt., 10c.

LARKSPUR (Annual)

These annual larkspurs are used more and more every year, as they are easy to grow and produce beautiful spikes of bloom. White or light blue. Price—Pkt., 10c.



"IT'S NOT A HOME UNTIL IT'S PLANTED"

See page 33 for our Special Rose Collection and page 45 for Shrubs, etc.

The same High Quality Seed is put into every garden size package as we sell the Florist and the Market Grower. It is the best seed that can be grown.

Flower Seeds

LINUM

GRANDIFLORUM RUBRUM (Scarlet Flax) — An attractive free-flowering bedding plant with slender foliage and bearing on delicate stems clusters of glossy bright red single flowers, saucer-shaped, with black center. Price—Pkt., 10c.

LOBELIA

The four dwarf (*Erinus*) sorts are charming plants, well adapted for bedding, pots or rockeries.

CRYSTAL PALACE (*Speciosa*)—An exceptionally graceful sort, having bright deep blue flowers; very dark green foliage. Price—Pkt., 10c.

LOBELIA (*Pendula*, *Hamburgia*)—This variety is especially suited for use in hanging baskets, porch boxes, etc. Flowers are a bright blue and make a fine showing with flowers of other colors. Price—Pkt., 10c.

LUPINUS

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; value for mixed borders, beds and for cutting; prefers a little shade. Annual mixed. All colors. Price—Pkt., 10c.

MATRICARIA

CAPENSIS (*Feverfew*)—Three feet. Neat, small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climate, but in our latitude are treated best as annuals. Price—Pkt., 10c.

MARIGOLD (*Tagetes*)

In late summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The Africa varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted.

TALL MIXED AFRICAN—A fine mixture of double Marigolds, large flowering. A packet will give you a wonderful assortment of colors. Price—Pkt., 10c.

DWARF FRENCH MIXED—Includes a fine variety of colors, splendid for beds or borders. Blooms from August until frost. Price—Pkt., 10c.



MARIGOLD



MIGNONETTE

MIGNONETTE (*Reseda*)

Six to 12 inches. No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

MACHET—It is the best Mignonette for all purposes either outside or inside. It is an everbloomer, the flowers lasting until late in the fall. Price—Pkt., 10c.

MIXED—Many shades and types. Price—Pkt., 10c.

MIMOSA

PUDICA (*Sensitive Plant*)—One foot. Curious and interesting pinkish-white flower; the leaves close and droop when touched or shaken. Price—Pkt., 10c.

MIRABILIS

(*Marvel of Peru* or *Four o'Clocks*)

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet.

MIXED—All sorts and colors. Price—Pkt., 10c.

MOON FLOWER

One of the most vigorous summer climbers and will grow under favorable conditions thirty to forty feet in a single season and be covered evenings and cloudy days with very large, trumpet-shaped flowers widely extended, often four inches across. Leaves large, frequently four to five inches across. Tender annual. White and blue. Price—Pkt., 10c.

MYOSOTIS (*Forget-Me-Not*)

One-half to one foot. They are considered among the best spring flowers and grouped with Pansies and Daisies the most lovely combinations may be obtained.

ALPESTRIS BLUE — Trailing habit. Price—Pkt., 10c.

ALPESTRIS—Mixed. Price—Pkt., 10c.

Flower Seeds

NICOTIANA (Sweet Scented Tobacco)

Two feet. One of the easiest annuals to raise and one of the most effective. The blossoms in shape are not unlike a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume.

AFFINIS (Tuberose-flowered Tobacco)—A gem for bedding. Most showy and profuse bloomer, giving a continuous display of waxy white flowers right through the summer and autumn. Price—Pkt., 10c.

NIGELLA

LOVE-IN-THE-MIST—1½ feet. A compact, free-flowering plant with finely cut foliage, curious looking seed pods; of easy culture, growing in any garden soil. Blue and white mixed. Price—Pkt., 10c.

DWARF NASTURTIUMS

They are suitable for bedding and edging, grow quickly and furnish the greatest abundance of long, lasting, sweet-scented cut flowers. Price—Lb., \$1.00; ¼ Lb., 30c; Oz., 10c.

TALL NASTURTIUMS

Eight to ten feet. Few plants are so useful or rich in color as the Nasturtiums. They surpass the Geranium and Calceolaria in brilliancy of color and profusion of bloom; they should be given a dry, poor soil, as on a rich or manured ground they are inclined to run to leaf. Where such is the case, lime rubbish should be mixed with the soil. The sorts we offer are the most decorative and beautiful. Price—Lb., \$1.00; ¼ Lb., 30c; Oz., 10c.

PANSIES

Pansies are now produced in an almost infinite variety of colors and markings. Their brilliancy of shading, extended season of blooming and long keeping characteristics make them general favorites.

Seed may be sown indoors very early in spring, or a little later in the open ground, and transplanted when an inch high. Such plants will commence to bloom in June. If sown in July, the plants will bloom in the fall, or if sown in September, the following spring.

KING OF THE BLACKS (Faust)—Large, velvety, pure black blossoms. This is probably the darkest flower grown. Price—Pkt., 15c.

GOLDEN QUEEN—A most beautiful flower of pure golden yellow color, very large size, most attractive in either beds or borders. Price—Pkt., 15c.

GIANT TRIMARDEAU MIXED—Our stock of this variety produces as large pansies as can be grown. Flowers of richest, most varied shades, well rounded form and generally marked with three blotches. Plants very hardy and vigorous. We recommend this mixture as one sure to give general satisfaction where conditions are at all suitable for pansy growth. Price—Pkt., 15c.

PETUNIA

For freedom of bloom, variety of color and effectiveness these have no equal, if only a little care is bestowed upon them. Petunias will produce their delicate and gorgeous colors throughout the whole summer.

IMPROVED ROSY MORN—The plants are bushy and compact, the medium size flowers, produced in great abundance throughout the entire summer and fall are of a most pleasing clear pink, contrasted by a broad white throat. A splendid sort for porch boxes, pots and beds. Price—Pkt., 15c.

ROSE OF HEAVEN—A rather new bedding Petunia—flowers a trifle earlier than Rosy Morn and the color is a rich carmine rose. Price—Pkt., 15c.

GENERAL DODDS—A very fine variety for bedding, color rich blood red. Price—Pkt., 15c.

ALBA—Pure white. Price—Pkt., 15c.

COUNTESS OF ELLESMERE—A beautiful rich rose color with white throat. Price—Pkt., 15c.

HOWARD'S STAR—Color bright, velvety purple with white star. Price—Pkt., 15c.

NEW BALCONY PETUNIAS

Flowers larger than Dwarf Bedding and plants have trailing habit, making them desirable for porch boxes, etc. White, blue, rose, crimson. Price—Pkt., 15c.

PHLOX DRUMMONDI

(Large Flowering)

Unequalled in the magnificent display of their many and brilliantly colored flowers. The plants are hardy, bush-like annuals with many broad, flat-topped, clusters of nearly round and star-shaped flowers.

For very early blooming, seed may be sown outdoors in fall, or started indoors and transplanted early in April. Hardy annual; one foot high.

ALBA—Pure white, very desirable. Price—Pkt., 10c.

CRIMSON SPLENDENS—Price—Pkt., 10c.

MIXED—Price—Pkt., 10c.

GRANDIFLORA PERENNIAL—Very large mixed. Price—Pkt., 10c.



DWARF NASTURTIUM

Flower Seeds

PORTULACA (Moss Rose)

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing, mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through, and very soon one of the loveliest of floral carpets will appear.

SINGLE MIXED—Price—Pkt., 10c.

DOUBLE BEST MIXTURE—Price—Pkt., 10c.

POPPY (Papaver)

These well-known hardy annuals and perennials flower in great profusion throughout the summer. Both the single and double varieties are very desirable for bedding and borders. The flowers are remarkable for their large size, delicacy of tissue and wide range of bright dazzling colors.

ANNUAL

SHIRLEY—Mixed colors. Price—Pkt., 10c.

FLANDERS FIELD—Bright red. Price—Pkt., 10c.

ORIENTAL POPPIES

When given plenty of room these poppies grow to wonderful plants, and furnish mammoth showy June flowers.

DARK SCARLET—Fiery red. Price—Pkt., 10c.

SALMON. Price—Pkt., 10c.

MIXED COLORS. Price—Pkt., 10c.

ICELAND POPPIES

These fine, hardy poppies are very desirable as they furnish blossoms all summer long in a pleasing combination of colors. Mixed. Price—Pkt., 15c.

PYRETHRUM (Insect Powder Plant)

A fine showy plant growing about 2 feet tall, which bears a profusion of single, daisy-like flowers in lovely shades of pink, red, rose, and white. Blossoms appear in May and June, and are excellent for cutting. Price—Pkt., 10c.



PORTULACA—SINGLE

PYRETHRUM (Golden Feather)

This variety of Pyrethrum grows about 6 inches tall and its rich yellow foliage makes it a very attractive border plant. The small flowers are pure white. Price—Pkt., 10c.

RHODANTHE (Mixed)

This attractive little everlasting bears its dainty flowers on graceful slender stems. Flowers show white and pink and red shades. Price—Pkt., 10c.

RICINUS (Castor Bean)

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

ZANZIBARIENSIS, MIXED—10 to 12 feet. The ornamental leaves, beautifully lobed, are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage. Price—Pkt., 10c; 1 Oz., 15c.

SALPIGLOSSIS

Two and one-half feet. Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a Petunia, but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glint of gold, and it is the only flower, to our knowledge, possessing this odd characteristic.

SPECIAL MIXTURE—This mixture is put up by ourselves of separate varieties and is without doubt the best mixture obtainable. Price—Pkt., 10c.

SALVIA (Scarlet Sage)

The Salvia is a standard bedding plant that keeps the garden bright with color until late in autumn.

BONFIRE—A new dwarf variety producing compact plants and a profusion of brilliant scarlet spikes. 2 feet. Price—Pkt., 10c; ½ Oz., 40c; ¼ Oz., 70c.

AMERICA, or GLOBE OF FIRE—This is the freest and most continuous bloomer; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Price—Pkt., 10c; ½ Oz., 40c; ¼ Oz., 70c.

SPLENDENS—This is the tall, late blooming variety remaining in blossom until frost. 3 feet. Price—Pkt., 10c; ½ Oz., 30c; ¼ Oz., 50c.

ANNUALS FOR SHADY SPOTS

Asters	California Poppy
Alyssum, Sweet	Lupin
Anchusa, Italica	Myosotis
Balsam	Nicotiana
Coleus	Petunia
Centaureas	Pansy
Clarkia	

Flower Seeds

SCABIOSA (Mourning Bride)

Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole of the summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood. Mixed. Price—Pkt., 10c.

SCARLET RUNNER BEANS

A rapid growing annual climber, bearing sprays of brilliant scarlet pea-shaped blossoms. Used either as a snap or shell bean for eating as well as being desirable for ornamental purposes. Seed may be planted out of doors as soon as danger of frost is past. Vines 10 to 12 feet high. Price—Pkt., 10c.

SCHIZANTHUS (Retusus. Trimaculatus)

Also known as Butterfly Flower or Poor Man's Orchid. Dainty, compact branching plants with finely cut foliage, covered when in bloom with clusters or spikes of brilliantly colored butterfly-like flowers. Valuable for garden decoration or pot culture. Petals bright yellow with markings, and tube of carmine or purple-rose, shading from lighter to darker shades. Price—Pkt., 10c.

SMILAX (Medeola)

No twining plant in cultivation surpasses this in graceful beauty of foliage. Indispensable to florists for table and house decoration. The hard texture of its small glossy green leaves permits the long, delicate sprays of foliage to be kept without wilting several days after being cut. Price—Pkt., 10c.

SNAPDRAGONS

For gorgeous coloring few flowers can match Snapdragons. The flowers of this strain are of very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut flowers. They are easily raised



STOCKS



SNAPDRAGON

from seed in any rich, sunny bed. If intended for winter flowering inside, cut back in September.

Tall, large flowered.

ALBUM—White.

DELILA—Pink, yellow and white.

FIREFLY—Crimson and yellow.

CORAL RED—Brilliant color.

RUBY—Rich ruby red.

ROSE DORE—Deep salmon rose.

BEST MIXED COLORS.

Price, any of the above—Pkt., 15c; $\frac{1}{8}$ Oz., 35c; $\frac{1}{4}$ Oz., 60c.

VERBENA

This well known annual, of low growing recumbent habit of growth, is very desirable for massing in beds on the lawn. Large clusters of showy flowers are borne in succession through a long season until frost.

HYBRIDA MIXED — A distinct sort. The plant forms a compact bunch about five inches high and eighteen inches across, covered throughout the season with large trusses of white scarlet and violet flowers. Price—Pkt., 10c.

VINCA (Periwinkle)

These very attractive bushy plants with glossy green foliage produce in abundance handsome round or salver shaped single flowers, suitable either for culture in pots or boxes or for summer bedding and borders.

MIXED—Price—Pkt., 10c.

Flower Seeds



SWEET PEAS

WALLFLOWER

This is a favorite European garden flower. The long, fragrant terminal spikes of the Wallflower when properly grown are very conspicuous in beds and borders and are very useful in making bouquets.

SINGLE MIXED—Deliciously fragrant, and combine many shades of color, the orange, purple and chocolate predominating. Price—Pkt., 10c.

WILD CUCUMBER

This vine has abundant foliage and is thickly covered with sprays of small white, fragrant flowers, followed by numerous prickly seed pods. Price—Pkt., 10c.

ZINNIA

Sometimes called Youth and Old Age. The well known bush-like plants of Zinnias produce a profusion of large, double imbricated flowers, borne on stiff stems.

Sow the seed early in spring, in open ground in good rich soil, preferably in rows of one and one-half feet apart and covering about one-fourth inch deep. When the young plants are one to two inches high thin to six inches apart. Start under glass for earlier blooming. Half hardy annual; tall growing; usually about one and one-half to two feet high.

DAHLIA FLOWERED—Superb mixed flowers of extra large size, real double and of brilliant color. Price—Pkt., 10c.

MAMMOTH FLOWERING—A splendid mixture of large flowers in beautiful colors. Price—Pkt., 10c.

STOCK (Mathiola)

Sometimes called Gilliflower. Almost indispensable where a fine display of flowers is wanted and particularly valued for edgings, bedding and pot culture.

GIANT PERFECTION—"Cut and come again." Dark blue, light blue, mauve, white, scarlet, pink and mixed. Price—Pkt., 10c.

SWEET WILLIAM

SWEET WILLIAM—Dwarf compact plants, with pretty double flowers of many beautiful colors. Mixed. Price—Pkt., 10c.

SWEET PEAS

One Ounce of Seed is Sufficient to Plant a Single Row 50 Feet.

Culture—Early in spring make a trench three to four inches deep in rich, mellow soil, so arranged that no water can stand in it and plant the seed in the bottom, covering at first only one inch deep. Sweet Peas, particularly the white seeded sort, are often a little difficult to start. If the soil is too dry then they will remain a long time without germinating; if it is too wet and cold they will not sprout at all. In soils at all heavy, or composed largely of clay, put about one inch of sand in the bottom of the trench and sow the seed on this, covering with more sand. Cover the row with a board to shed the rain and protect the soil from the hot sun, but remove this as soon as the young plants appear.

The roots should not be allowed to become too dry. Water applied thoroughly once or twice a week, preferably early in the morning or in the evening, is usually better than light sprinkling more frequently. Pick the blooms before they form pods. **SPENCER'S MIXED**—A splendid mixture of Spencer varieties grown by the most careful methods from proven stocks. A wide range of colors is thus assured in this comparatively new class of Sweet Peas of such remarkable large size and wonderfully attractive form. Price—Pkt., 10c; Oz., 20c; ¼ Lb., 65c; Lb., \$2.00.

CHOICE MIXED—This mixture has been most carefully grown from selected stock seed and it will afford a splendid variety of blooms of improved forms and in the widest possible range of desirable colors. Many of the most pleasing and brilliant colors are included. Price—Pkt., 10c; Oz., 15c; ¼ Lb., 35c; Lb., \$1.00.

THUMBERGIA (Black-Eyed Susan)

Very pretty, rapid growing annual trailing plants. Used extensively in hanging baskets, etc. Pretty flowers in white, orange, etc., with dark eyes. Mixed. Price—Pkt., 10c.



ZINNIA

Metcalf's Ornamental Shrubs

SHRUBS are of first importance in creating landscape beauty on account of their easy culture, rapid growth, and great diversity in size, foliage and bloom. Plant shrubs now and in a very short time your premises will be a place of beauty. **50c each.**

ALMOND, DOUBLE-FLOWERING—A handsome bush which blooms early. Red or white. 10c more.

ALTHEA (Rose of Sharon)—Pink, red, white, or purple flowers produced in late summer after the other shrubs are through flowering.

BUDDLEIA (Butterfly Bush)—The spikes of purple blooms are very attractive to butterflies.

CORNUS (Dogwood)—White blooms on large, tree-like shrubs.

DEUTZIA—White or pink flowers in clusters in May and June.

FORSYTHIA (Golden Bell)—Bright yellow flowers at the earliest hint of spring.

HONEYSUCKLE, BUSH—Pink flowers; sweet and very useful.

HYDRANGEA, HILLS OF SNOW—Pure white balls of blooms.

HYDRANGEA, PEGEE—Immense white flowers.

LILAC, PURPLE—The best liked of all shrubs.

PHILADELPHUS (Syringa; Mock Orange)—White, fragrant flowers in spring.

SPIREA, ANTHONY WATERER—Rosy red blooms in late summer. 18 to 24 in.

SPIREA, BRIDAL WREATH—Clusters of white blooms in long garlands.

VIBURNUM (Snowball)—White, ball-like flowers for Decoration Day.

WEIGELA ROSEA—Pink, Trumpet-shaped blooms in profusion.

METCALF'S SHRUB COLLECTION

Choice of any 6.....\$2.45 Choice of any 12.....\$4.75
POSTPAID

10% Discount on all Cash Orders received before April 21

Bulbs for Spring Planting

HARDY LILIES

AURATUM—White with crimson spots and golden stripes. Flowers July to October. Each, 30c.

LILIUM REGALE or MYRIOPHYLLUM—It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink on the outer edges, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. Blooms out-of-doors early in July. Thrives in any good soil not too wet. Each, 25c.

SPECIOSUM, RUBRUM—A magnificent sort. Color bluish white with dark maroon spots. Very effective and handsome. Each, 30c.

GLADIOLUS

These easily grown flowers should be in every garden—one of the best either for garden decoration or cutting.

AMERICA—Lovely shade of shell pink. Doz., 60c; \$4.00 per 100.

WILBRINCK—Pale lavender-pink. Doz., 60c; \$4.00 per 100.

HALLEY—Deep salmon-pink. Doz., 60c; \$4.00 per 100.

1910 ROSE—Rose-pink shading to rose-red. Doz., 60c; \$4.00 per 100.

GARDEN BEAUTIFUL MIXTURE—A splendid mixture of named varieties—at a reasonable price. Doz., 50c; \$3.75 per 100.

SPECIAL MIXTURE—An extra good mixture of many fine colors. Doz., 25c; \$2.00 per 100.

Above prices postpaid.

CANNAS

APRICOT—Four feet. Flowers bright apricot; green foliage.

THE PRESIDENT—Four feet. Vermilion-scarlet blossoms, green foliage.

HUNGARIAN—Three and one-half feet. Flowers rich peach blossom; foliage green.

EUREKA—Four feet. The best white variety; green foliage.

STATUE OF LIBERTY—Five to six feet. Giant growing fire-red with bronze leaves.

KING HUMBERT—Four feet. Coppery scarlet flowers, bronze foliage.

WYOMING—Six feet. Massive orange colored flowers and bronze leaves.

Price—15c each; \$1.50 Doz.

HEDGES

JAPAN BARBERRY

A dwarf plant whose green foliage turns a beautiful red in the fall. Red berries all winter. 18-24 in. 10 for \$2.25; 100 for \$15.90.

PRIVET, AMOOR RIVER

Hardy—for cold climates. 18-24 in. 10 for \$1.00; 100 for \$7.95.

PRIVET, CALIFORNIA

The most popular and useful hedge plant. 18-24 in. 12 for \$1.00; 100 for \$4.95.

OTHER BULBS AND ROOTS

that we carry in stock

Caladium, Tuberoses, Dahlias

All varieties of

Perennial Plants.

SEED DISINFECTANTS

THE Bayer-Semesan Company has selected from the lines of seed disinfectants originated by Bayer and DuPont, to both of which it has succeeded, the most efficient formulas for each class of seed treatment, as listed below.

CERESAN

A dust disinfectant for preventing and controlling the principal diseases of wheat, oats, barley and other small grains.

8-oz. tin	\$.50
1-lb. tin .....	.75
5-lb. tin	3.00
25-lb. pail	12.50

SEMESAN BEL

An instantaneous dip disinfectant and disease controller for seed potatoes.

4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25



For Alfalfa and Clovers

¼-bu. size, each	\$.40
½-bu. size, each .....	.60
1-bu. size, each	1.00

For Soy Beans and Cow Peas

1-bu. size, each	\$.40
2-bu. size, each .....	.70
5-bu. size, each	1.50

For Peas, Beans and Vetch

½-bu. size, each	\$.40
1-bu. size, each .....	.60
1⅔-bu. size, 100 lbs. seed, each .....	.90

GARDEN NITROGEN

Garden size, Peas, Beans, Sweet Peas, each.....\$.25

SEMESAN

General seed and plant disinfectant for use in dust or liquid form. Possesses a broad field of usefulness for vegetable and flower seeds or bulbs, as well as for greenhouse disinfection and for the control of damping-off.

2-oz. tin	\$.50
1-lb. tin	2.75
5-lb. tin	13.00
25-lb. pail	56.25

SEMESAN, JR.

A dust disinfectant for preventing and controlling the ear, root and stalk rots of field and sweet corn.

4-oz. tin	\$.50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25

Inoculate With

NOD-O-GEN

FOR ALFALFA,
SWEET CLOVER, RED
CLOVER

½-bu. size, 60c; 1-bu. size, \$1.00

FOR SOY BEANS, PEAS,
BEANS, VETCH

1-bu. size, 50c; 5-bu. size, \$2.00

FOR GARDEN PEAS, SWEET
PEAS, BEANS

Garden Size, 25c

Always specify name of crop
and size of package.



HIGH GRADE FERTILIZERS

BONE MEAL—Especially fine for roses, shrubs, bulbs, etc. 1 Lb., 8c; 2 Lbs., 15c; 5 Lbs., 25c; 10 Lbs., 50c; 25 Lbs., \$1.00; 50 Lbs., \$1.85; 100 Lbs., \$3.50.

WIZARD SHEEP MANURE — Makes all plants grow. 2 Lbs., 20c; 5 Lbs., 35c; 10 Lbs., 50c; 25 Lbs., 90c; 50 Lbs., \$1.50; 100 Lbs., \$2.75.

SUPER TRUCK (5-10-5)—A highly concentrated fertilizer for fast growth. 100 Lbs., \$2.85.

INDIAN BRAND (2-8-5)—A good general purpose fertilizer. 100 Lbs., \$2.50.

NITRATE OF SODA—One of the cheapest and best forms in which to apply Nitrogen to plants. 1 Lb., 10c; 5 Lbs., 45c; 10 Lbs., 80c; 25 Lbs., \$1.75; 50 Lbs., \$3.38; 100 Lbs., \$6.40; 167 Lbs., \$7.90.

VIGORO—Prepared especially for the lawn and vegetable garden. 5 Lbs., 50c; 25 Lbs., \$1.75; 50 Lbs., \$3.00; 100 Lbs., \$5.00.

PLANET JR. GARDEN TOOLS

Grow What You Eat—A Tool for Every Purpose

Single Wheel Hoe No. 18 — 1 pair 6 inch hoes, \$5.75.

Double Wheel Hoe No. 12—With one pair 6 inch hoes, 4 cultivator teeth and one pair plows, \$10.75.

Double Wheel Hoe No. 13 — 1 pair 6 inch hoes, \$8.00.

Combination Seeder and Wheel Hoe No. 4—Combines hill and drill seeder, hoe, plow and cultivator, \$18.00.

Hill and Drill Seeder No. 4D — Comprises seeder only, \$14.25.

Fertilizer Distributor No. 220 — A wheelbarrow type, \$27.00.

INSECTICIDES AND FUNGICIDES



ACME ALL ROUND SPRAY

Contains three leading remedies used, Arsenate of Lead, Nicotine Sulphate, Bordeaux Mixture.

¼ Lb. Can, 45c; 1 Lb. Can, 85c

Antrol

A system for combating ants. Cottage set consists of 4 jars and bottle of syrup.

Cottage Set.....\$1.00 each
Extra Jars......15 each
Pints of Syrup.....1.00 each



ARSENATE OF LEAD

One of the best poisons for leaf eating insects.

Dry, 1 Lb., 30c; 4 Lbs., \$1.04

BLACK LEAF 40



Highly recommended as a spray for aphids and sucking insects.

1-oz. Bottle.....\$.35	2-lb. Tins.....\$ 3.75
5-oz. Bottle.....1.00	5-lb. Tins.....7.00
1-lb. Bottle.....2.50	10-lb. Tins.....11.85

BORDEAUX MIXTURE

For blight, mildew and all fungus diseases.

Powder—1 Lb., 30c; 4 Lbs., \$1.00; 25 Lbs., \$4.75; 100 Lbs., \$18.00.

CARBOLA

Disinfecting white paint.

5 Lbs., 75c; 10 Lbs., \$1.25; 25 Lbs., \$3.25

Sheps Plant Kills Bugs



Get rid of destructive insects. Use SHEPS Plant Spray. Kills and controls both sucking and chewing insects but absolutely harmless to humans, birds, animals and pets. Will not "burn" delicate leaves or flowers. Makes green, healthy, lustrous foliage. No soap solution needed—simply mix with water.

PRICES POSTPAID

2-oz. Bottle (makes 4 gals. Spray Solution).....\$.35
8-oz. Bottle (" 16 " " ")......75
Pint Bottle (" 32 " " ").....1.25
Quart Can (" 64 " " ").....2.00

Bulk Prices on Request.



Conquers mildew and black spot on roses and other plants.

½ Pt., 75c; Pint, \$1.25; Quart, \$2.00

LIME SULPHUR DRY POWDER

1 Lb., 35c; 5 Lbs., \$1.35; 10 Lbs., \$2.60

NICO-FUME LIQUID

1 Lb., \$2.25; 4 Lbs., \$6.75

POWDER

1 Lb., \$1.15; 5 Lbs., \$4.00

Pyrox

Kills insects and destroys fungus growth.

1 Lb., 45c; 5 Lbs., \$1.75; 10 Lbs., \$3.25; 25 Lbs., \$7.50

PARIS GREEN

¼ Lb., 15c; 1 Lb., 45c; 5 Lbs., \$2.00; 14 Lbs., \$5.30

SLUG SHOT

1 Lb., 20c; 5 Lbs., 60c

SNAROL

Kills slugs, snails and earth worms.

1 Lb., 50c; 3 Lbs., \$1.00; 15 Lbs., \$3.75

Increase your garden pleasures and your farm profits by preventing loss from plant diseases.

Two 1932 Leaders

Metcalf's Early Snowball Cauliflower



EARLY SNOWBALL CAULIFLOWER

Pkt., 25c; $\frac{1}{4}$ oz., 65c; Oz., \$2.00; $\frac{1}{4}$ lb., \$6.50;
Lb., \$24.00.

Early Snowball Cauliflower is considered the best to grow, not only for the first early crop, but for later maturity as well. Seed sown the first of June should furnish good strong plants ready to transplant in four weeks, and should form fine, large, white heads in October.



Cauliflower Seed is one item that we have used particular care in selecting. We have secured our supply from the same source for 22 years. You take no chances with this strain. Order early.

Bender's Surprise--A Great Musk Melon

Bender's Surprise Musk Melon has many good qualities that recommend it for general use. In the first place, it grows to a large size, its thick orange colored flesh has a delicious flavor, and the melon will keep a week after being picked. We consider Bender's Surprise the one best, large melon. Matures in 90 days.



Our seed stock comes direct from the grower, and is the best that we are able to secure.



BENDER'S SURPRISE MELON

Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; Lb., \$1.50.